

Fig. 1

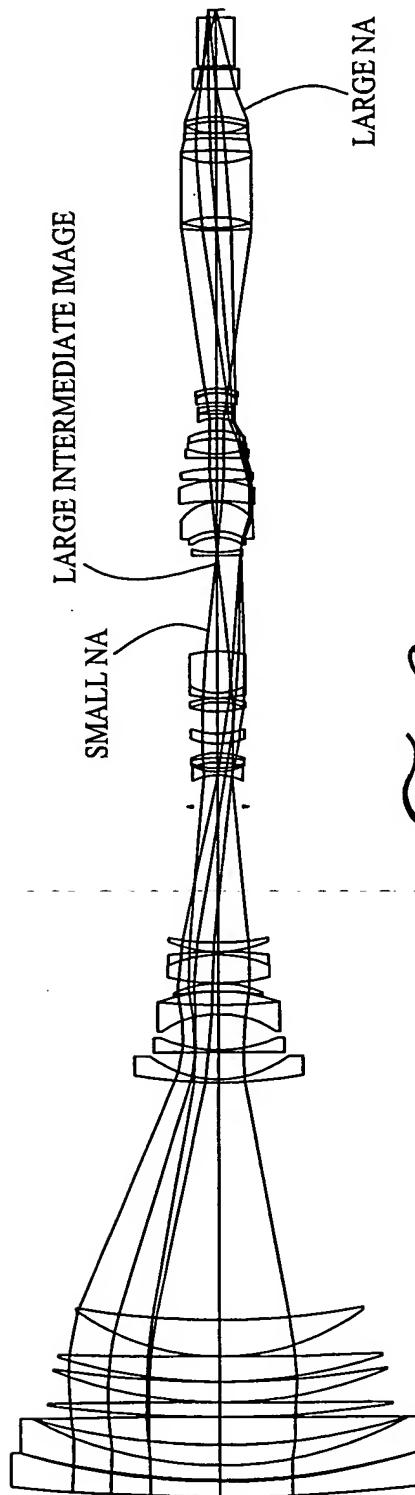
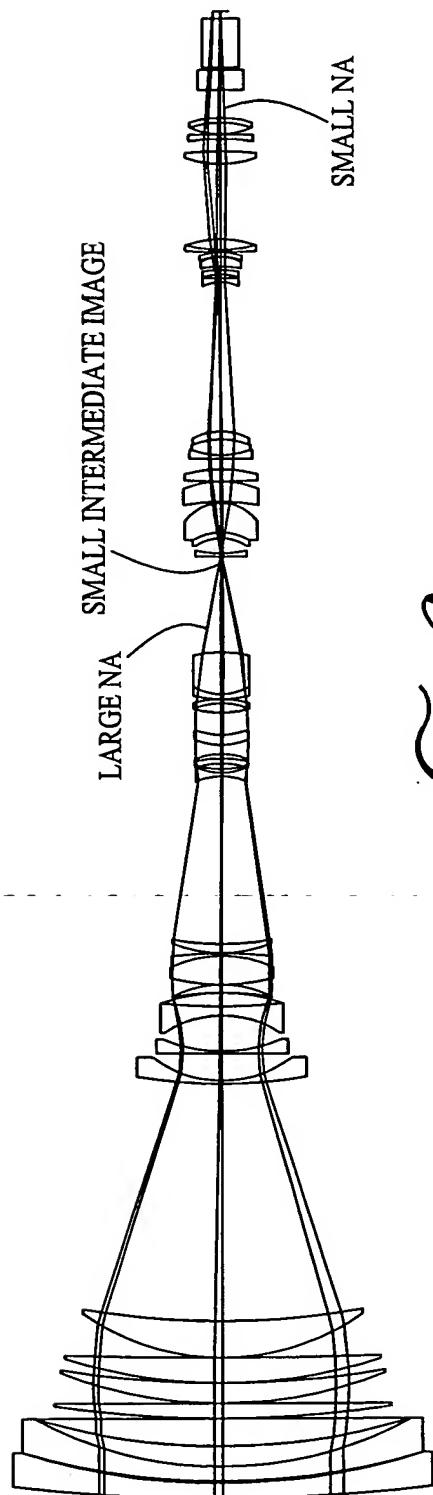
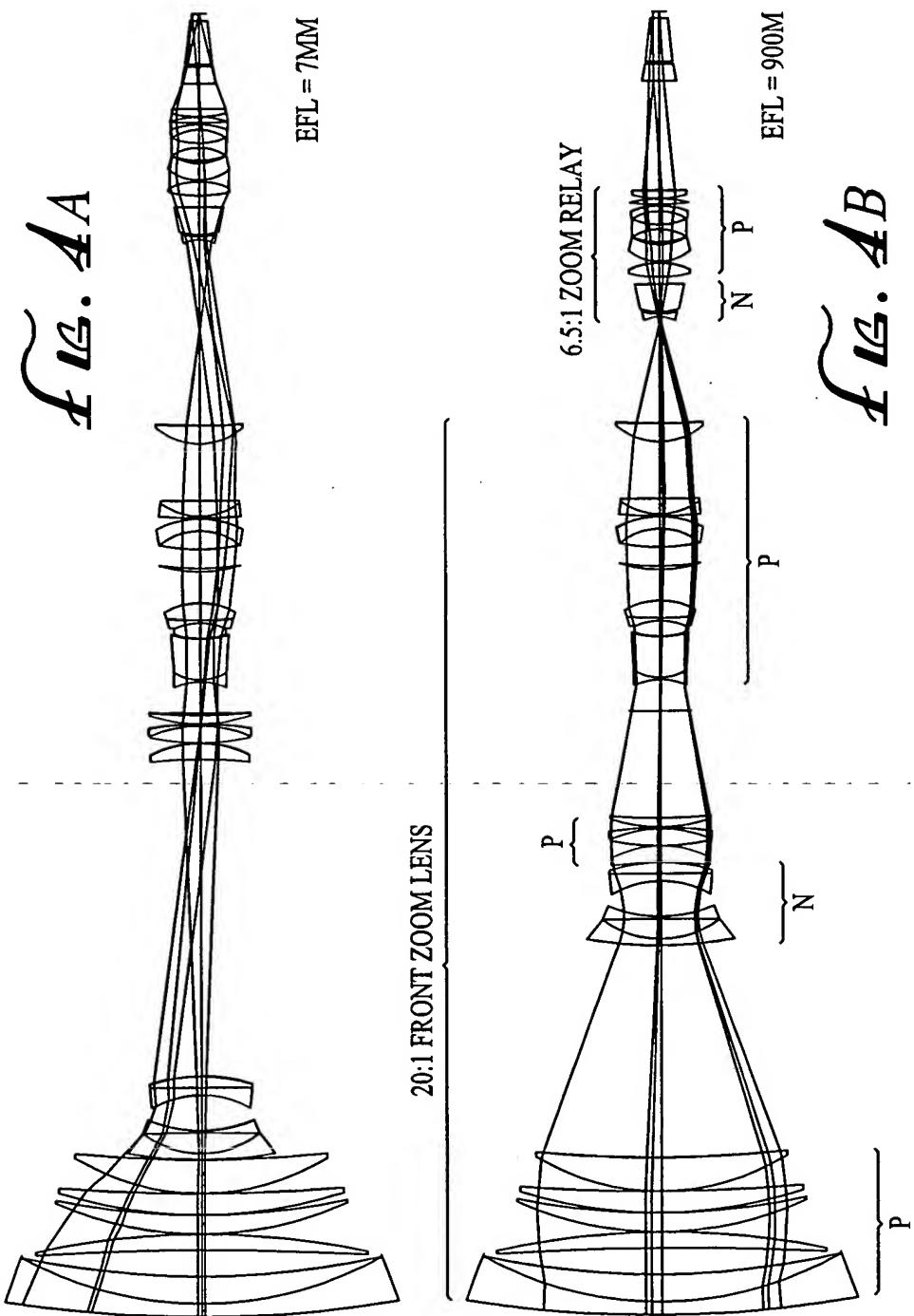
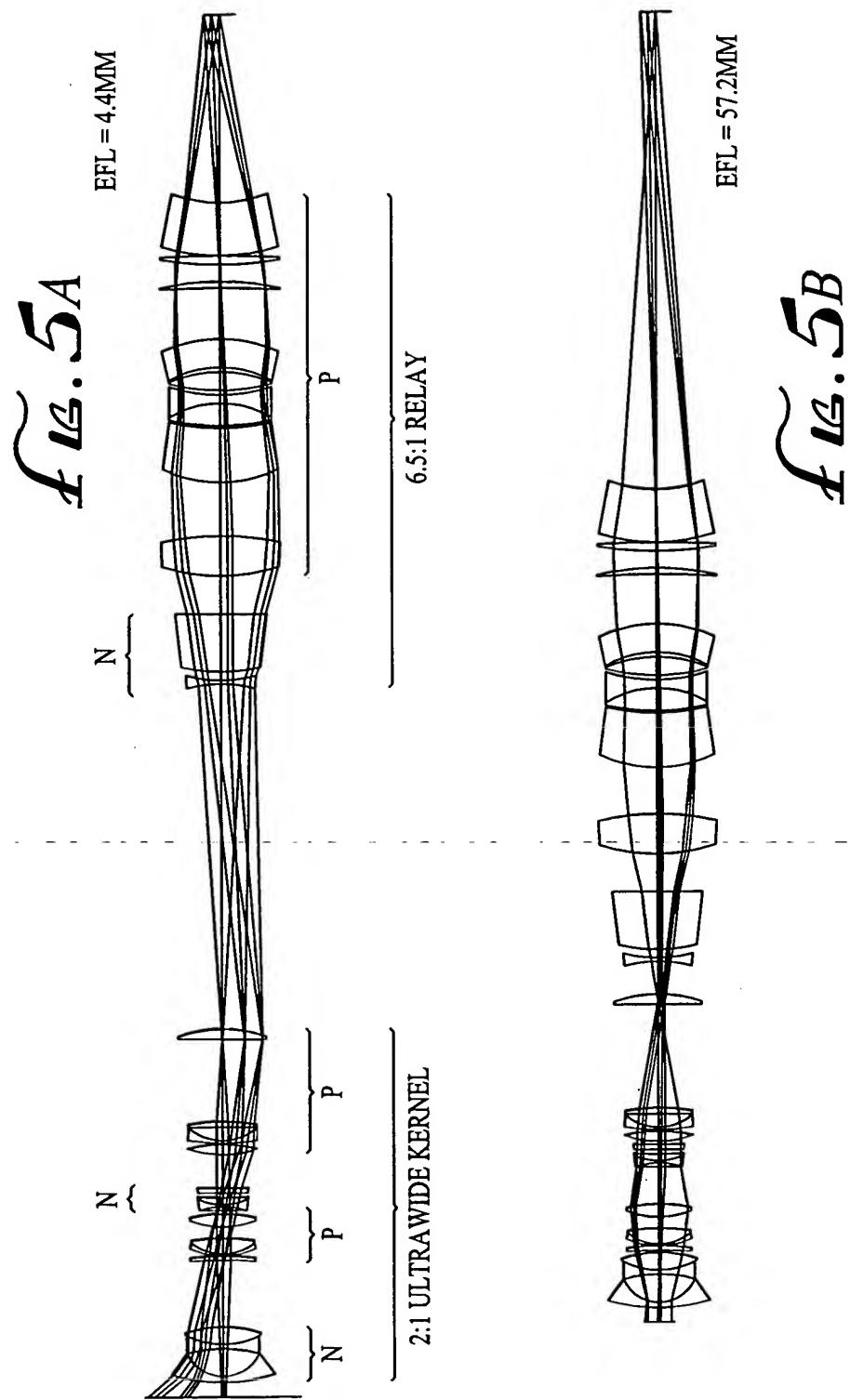
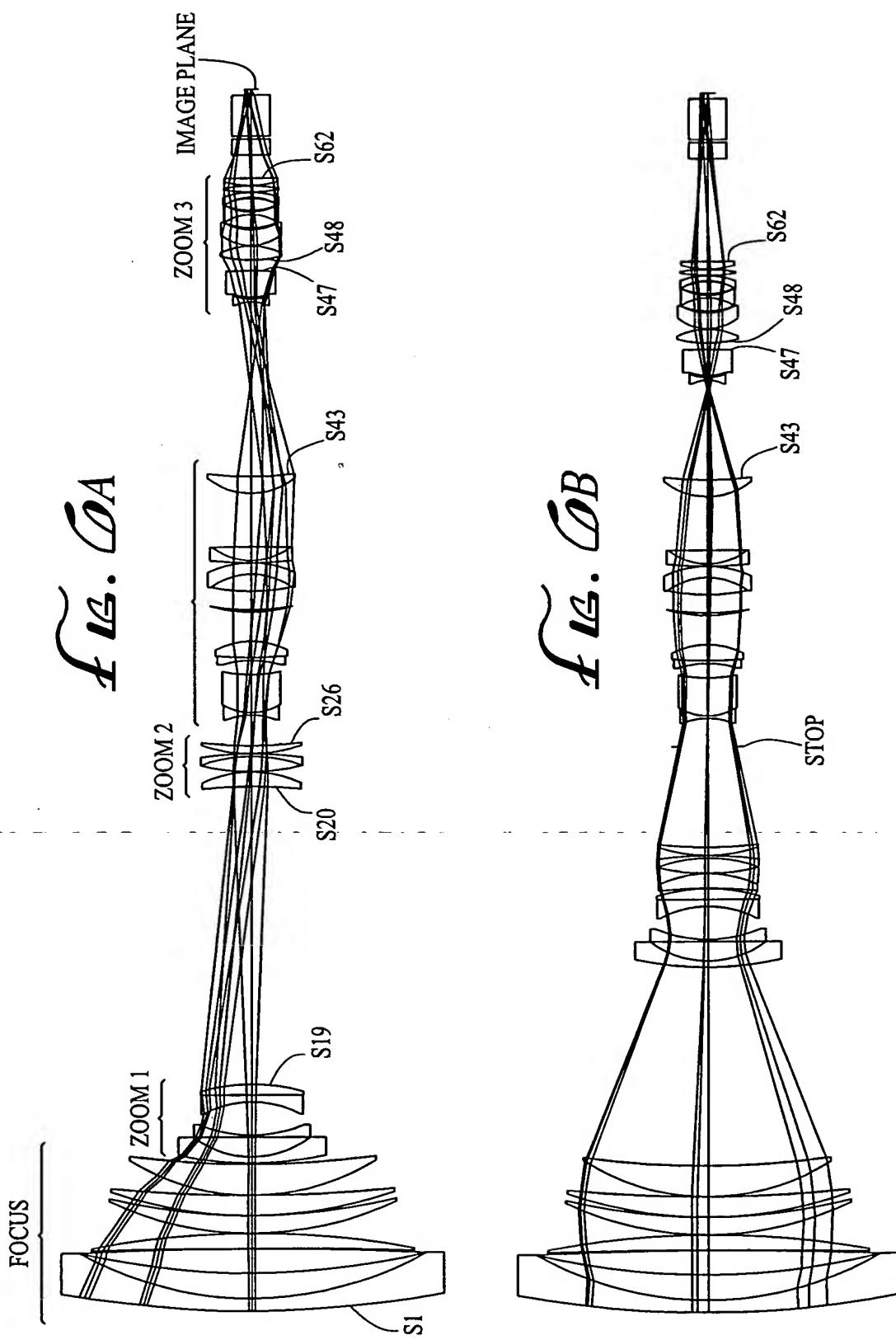


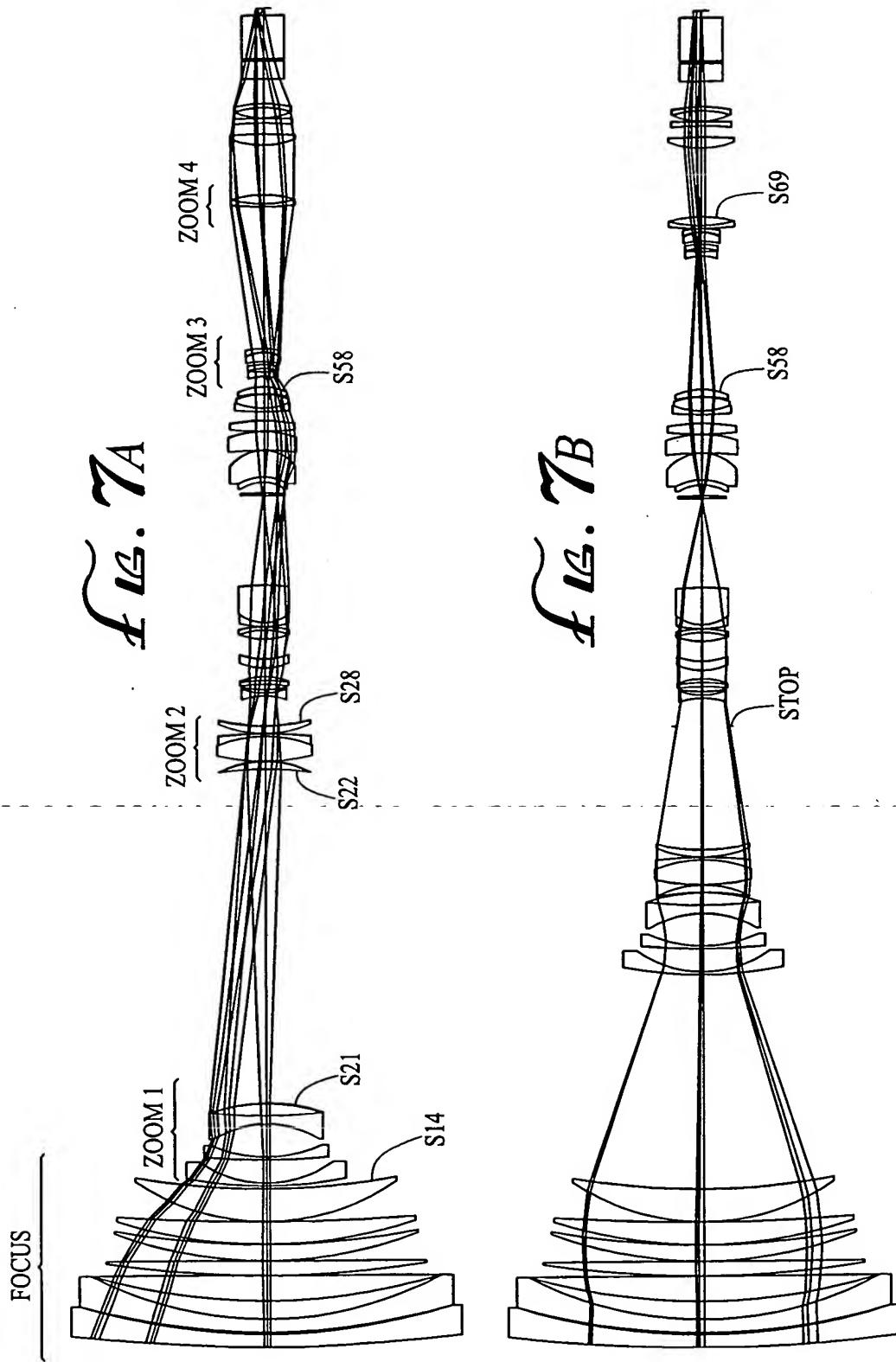
Fig. 2

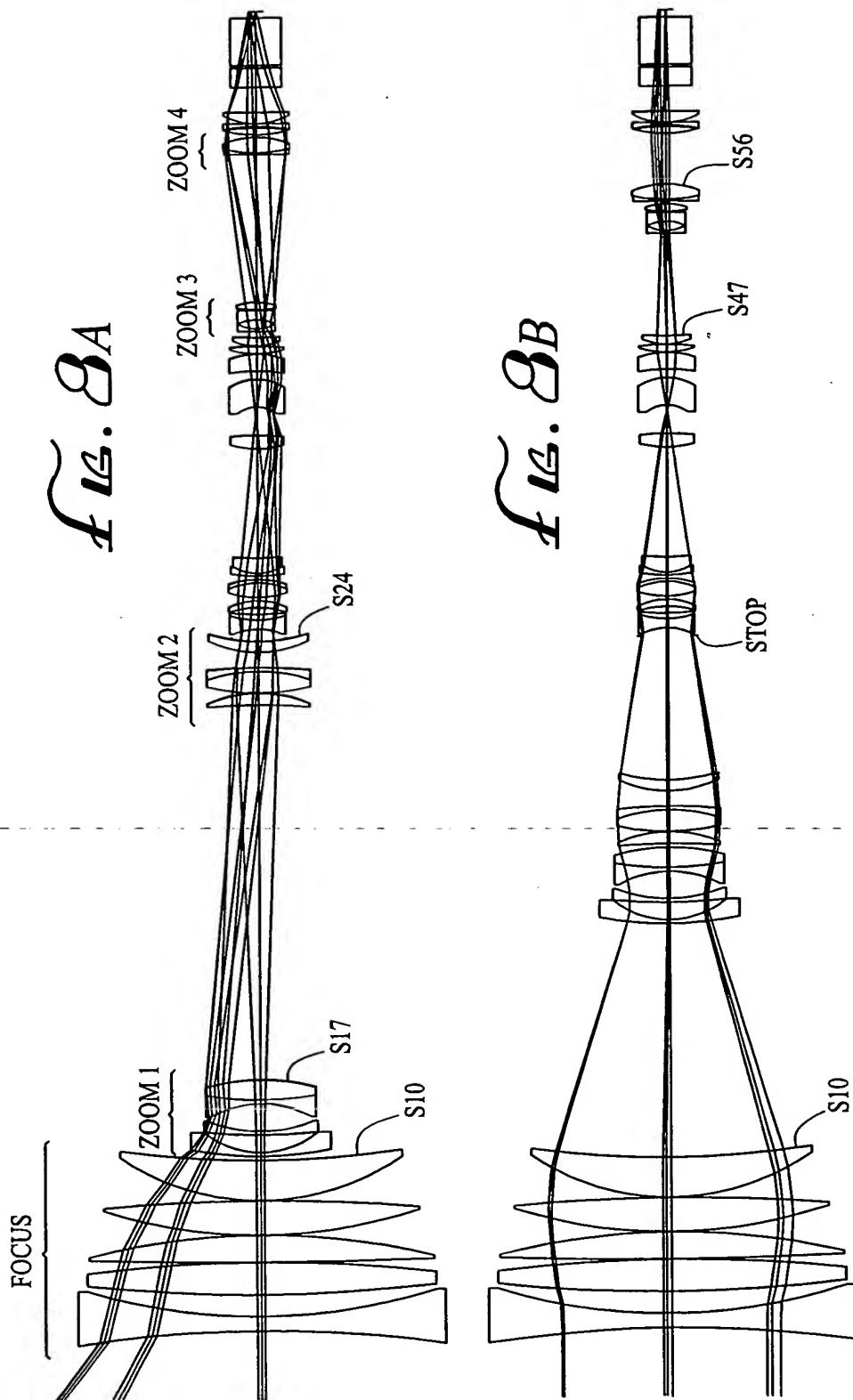


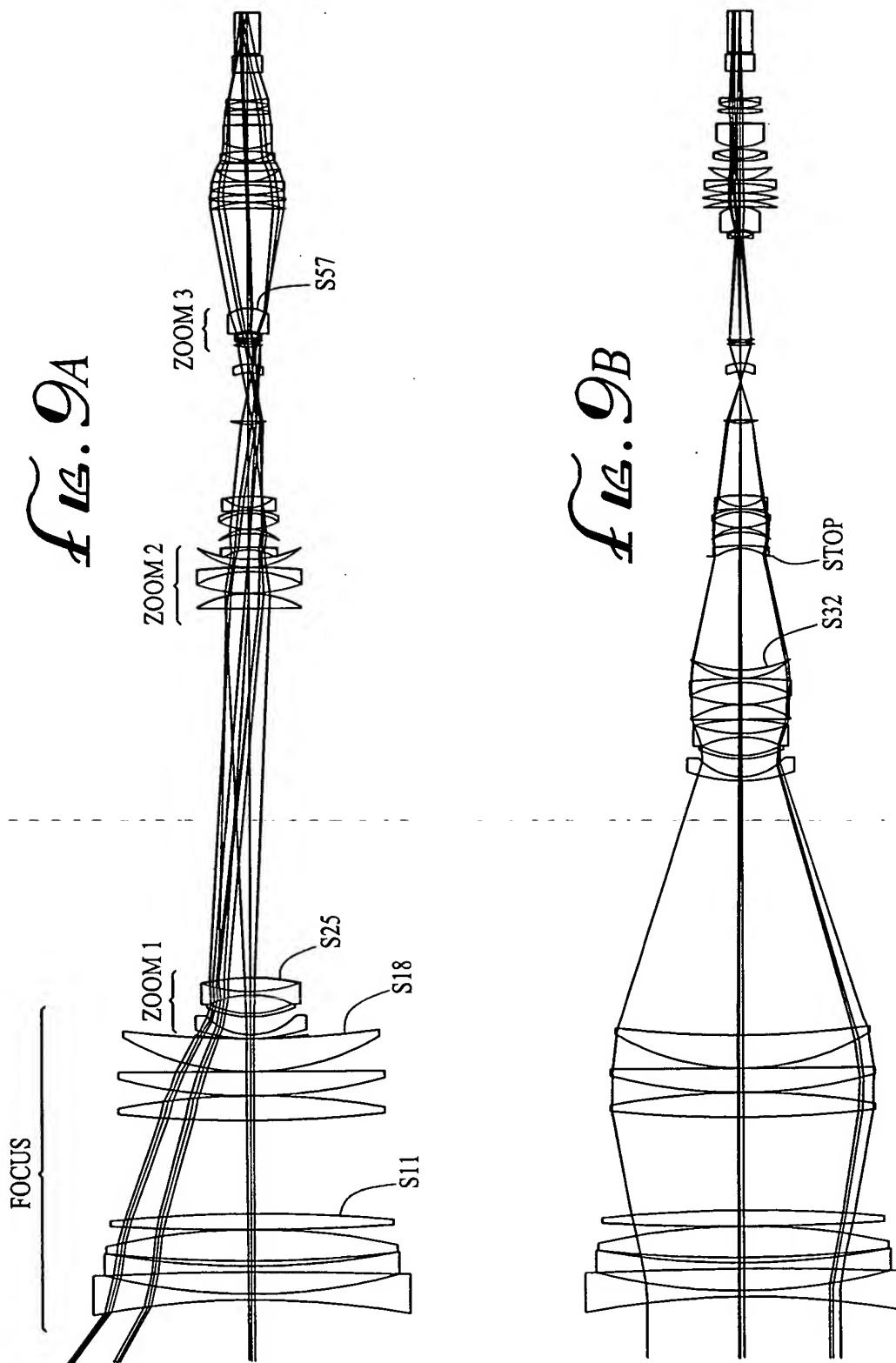


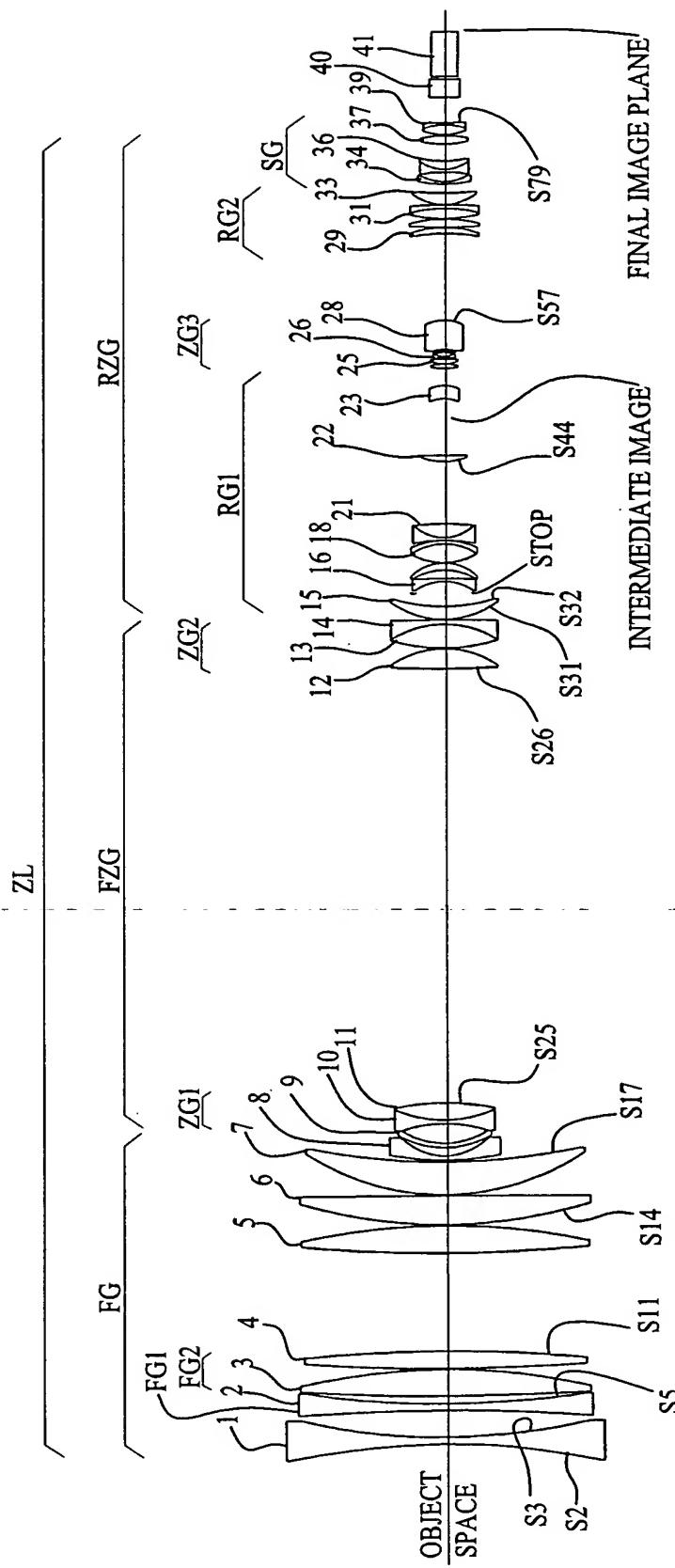


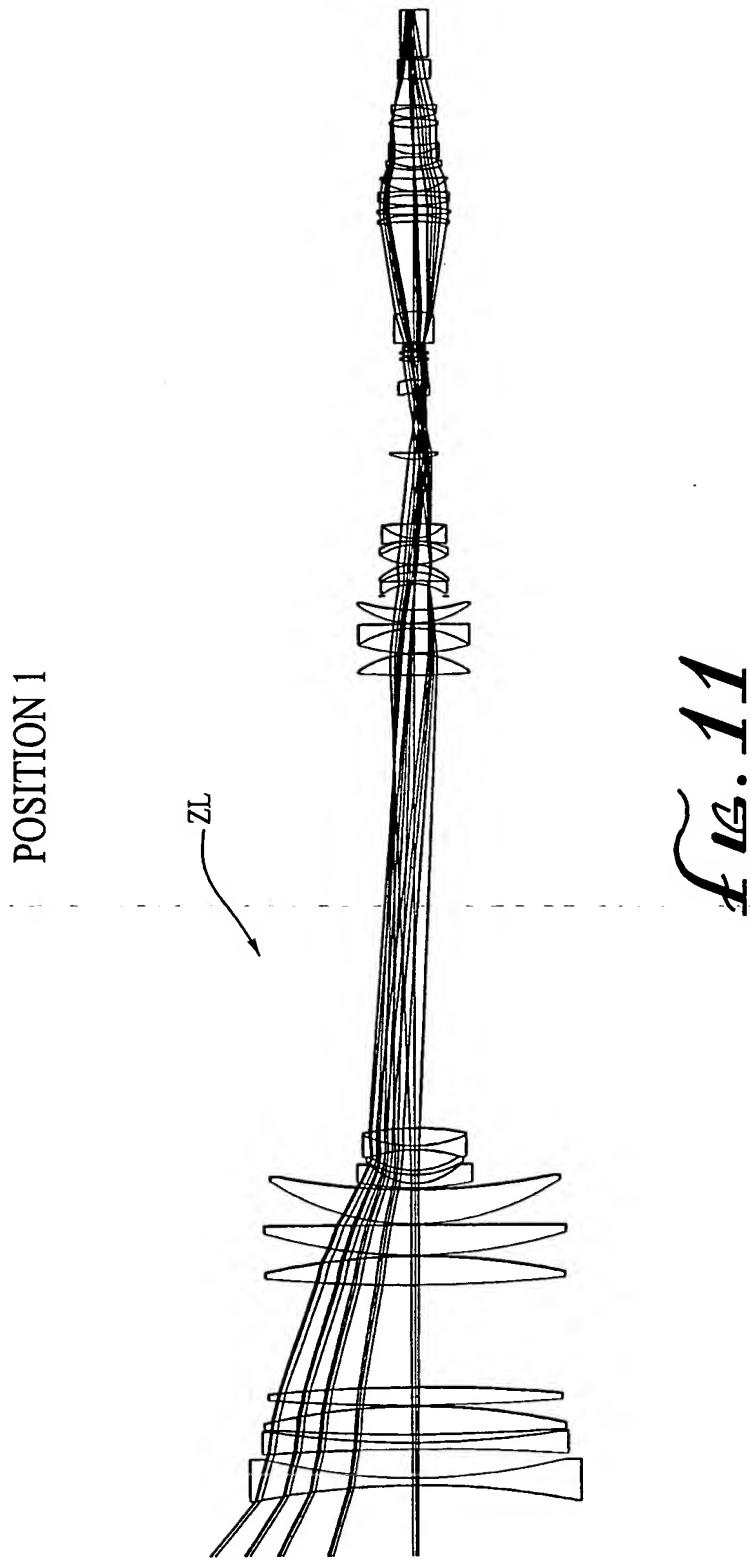












POSITION 2

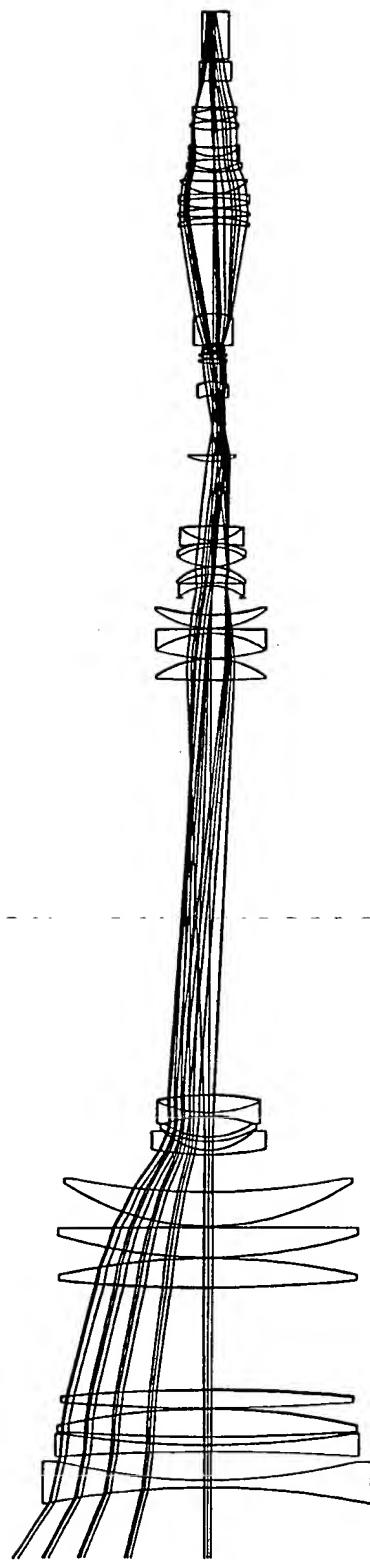
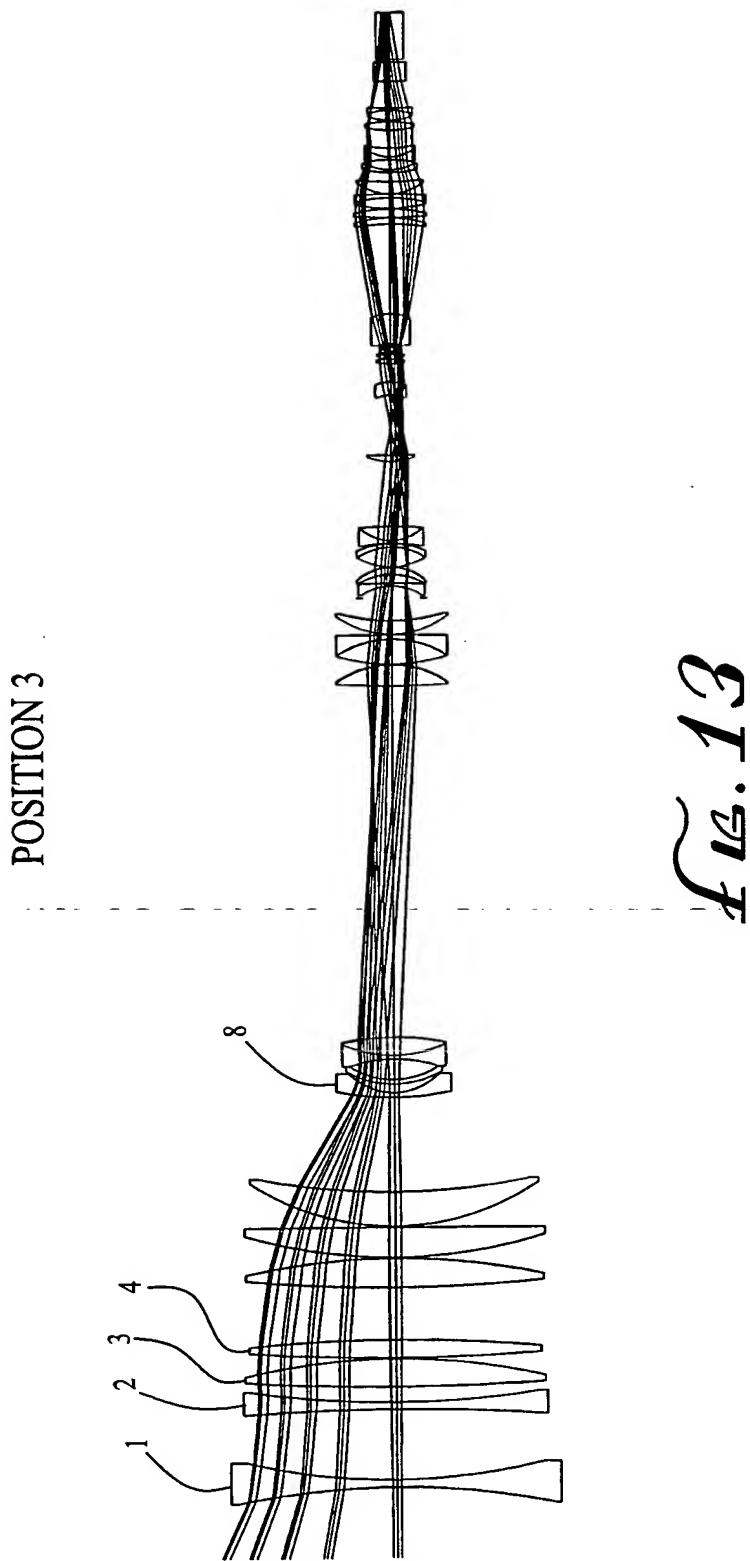


Fig. 12



POSITION 4

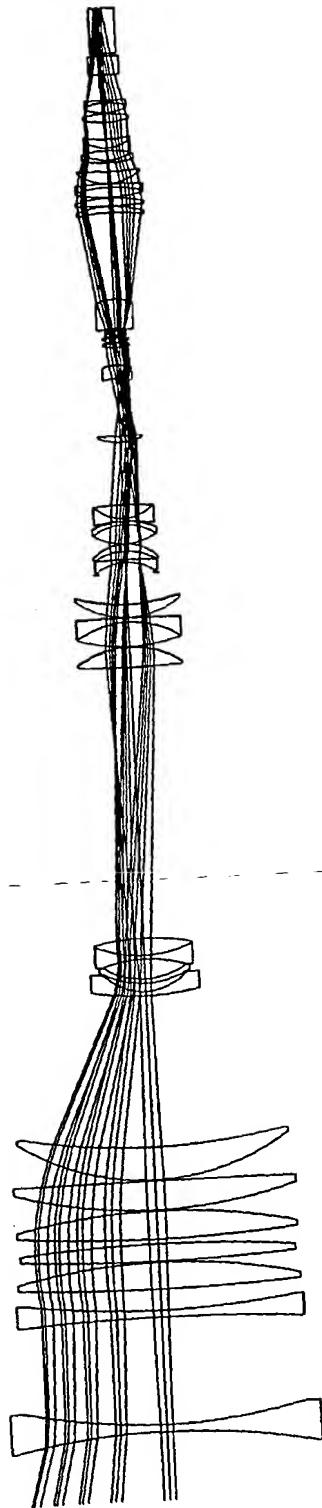
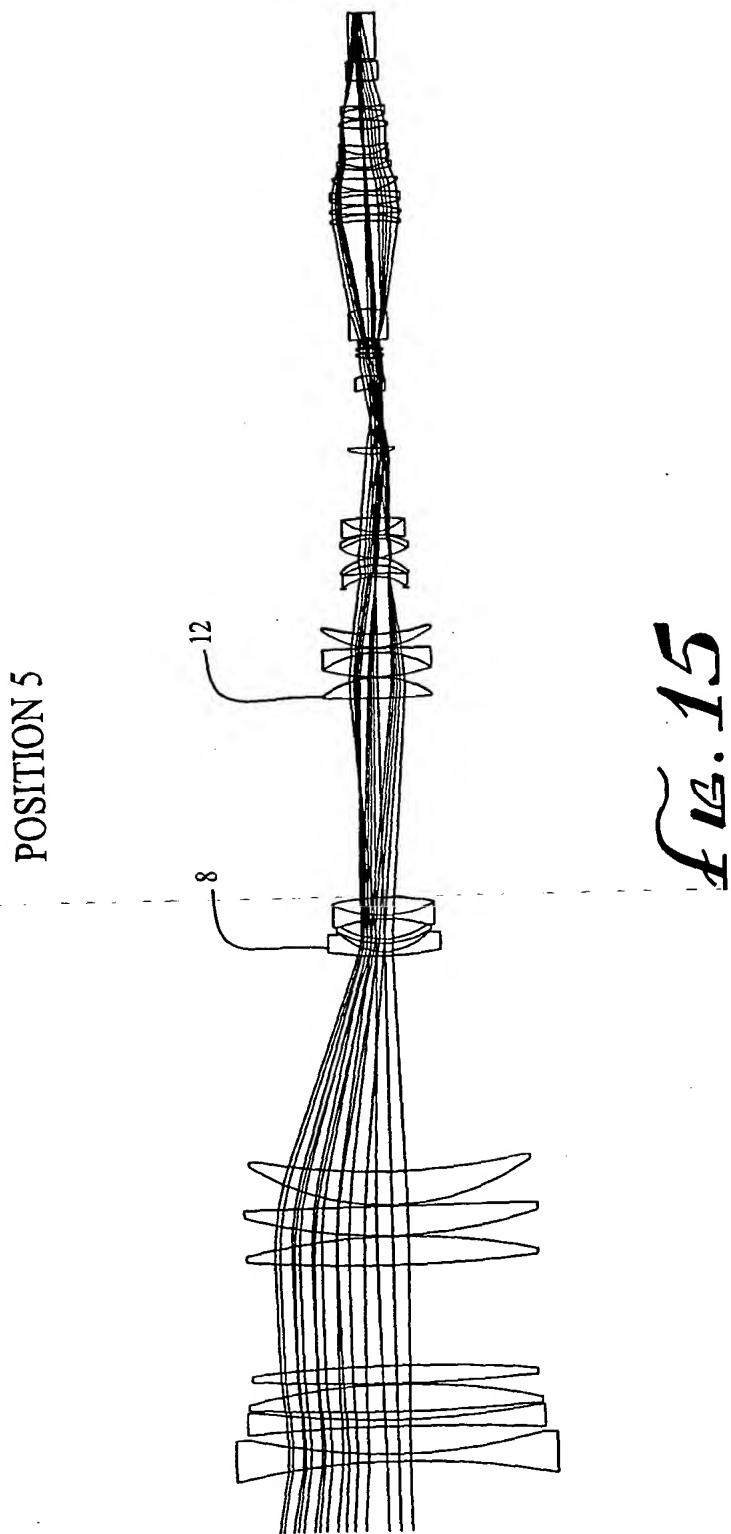


Fig. 14



POSITION 6

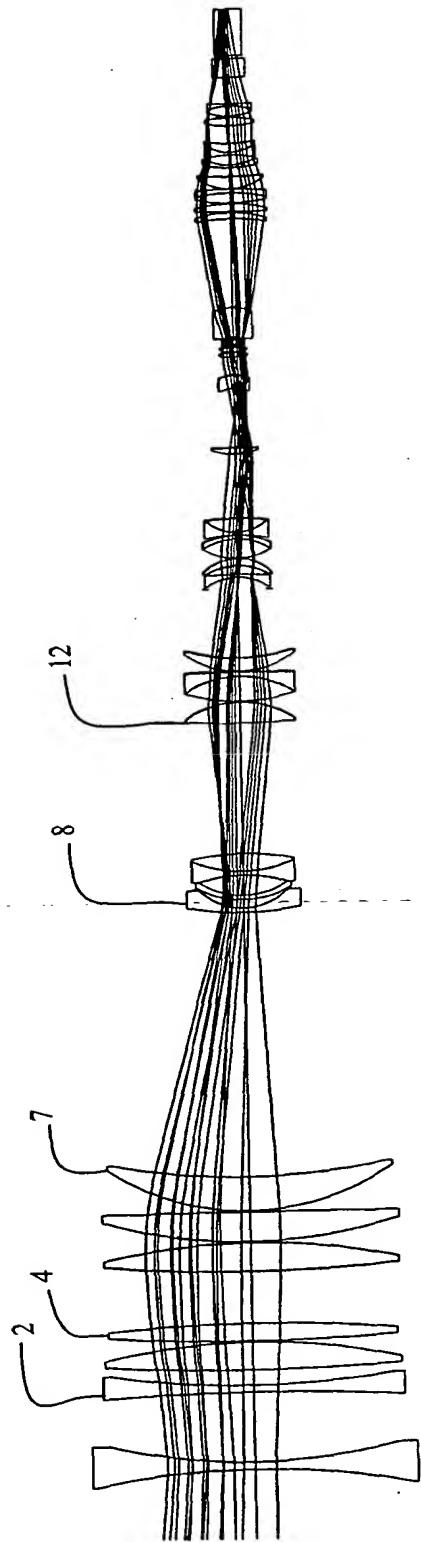


FIG. 16

POSITION 7

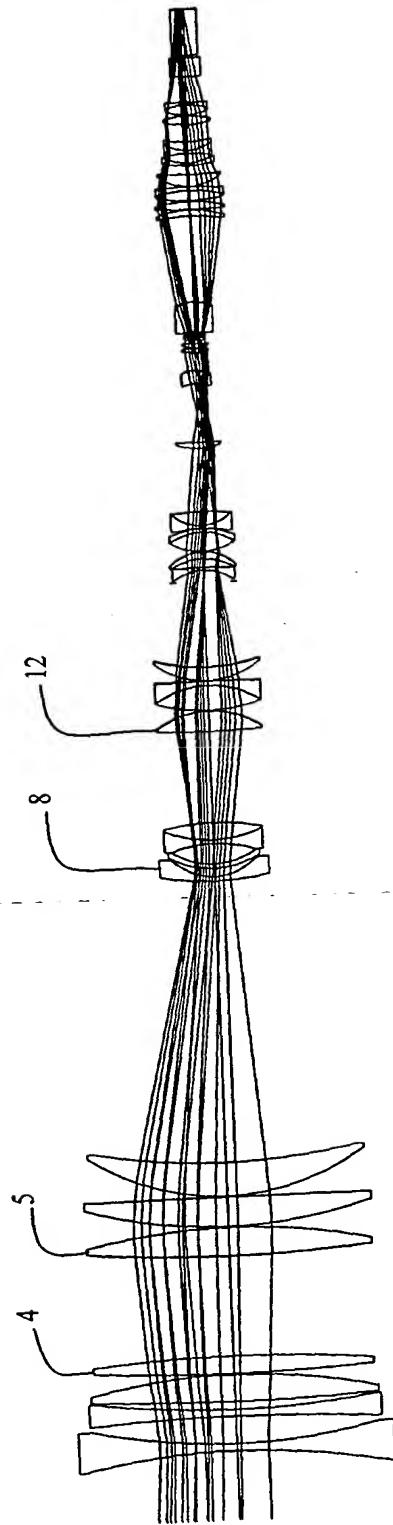


FIG. 17

POSITION 8

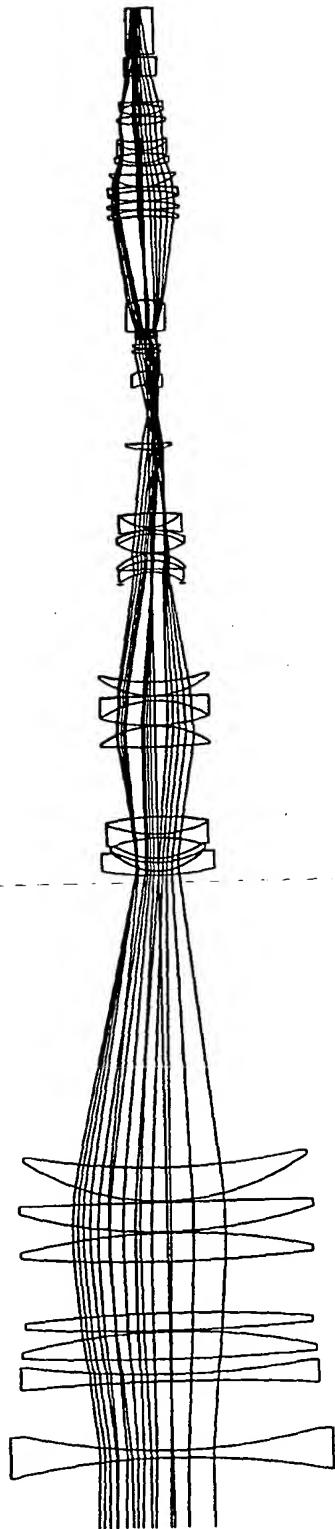


Fig. 18

POSITION 9

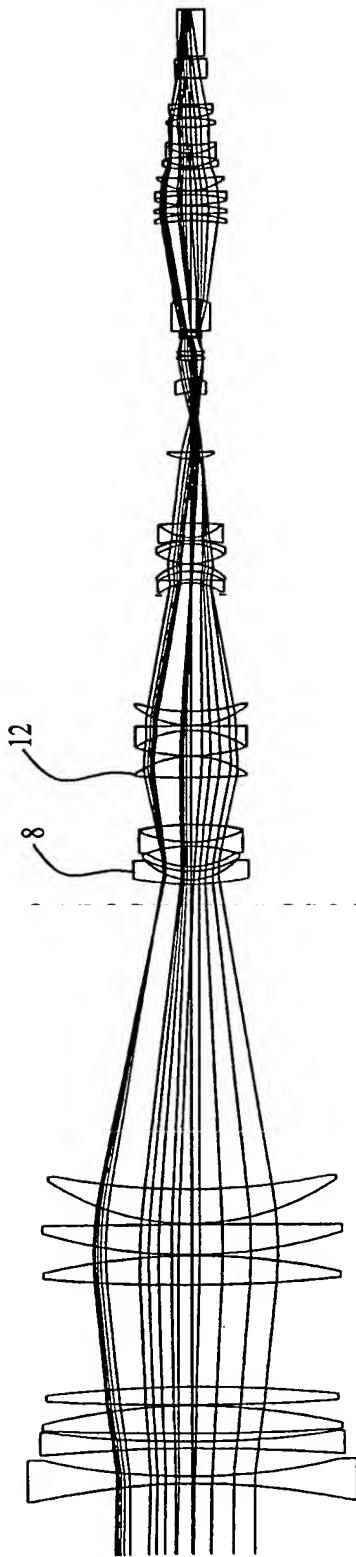


fig. 19

POSITION 10

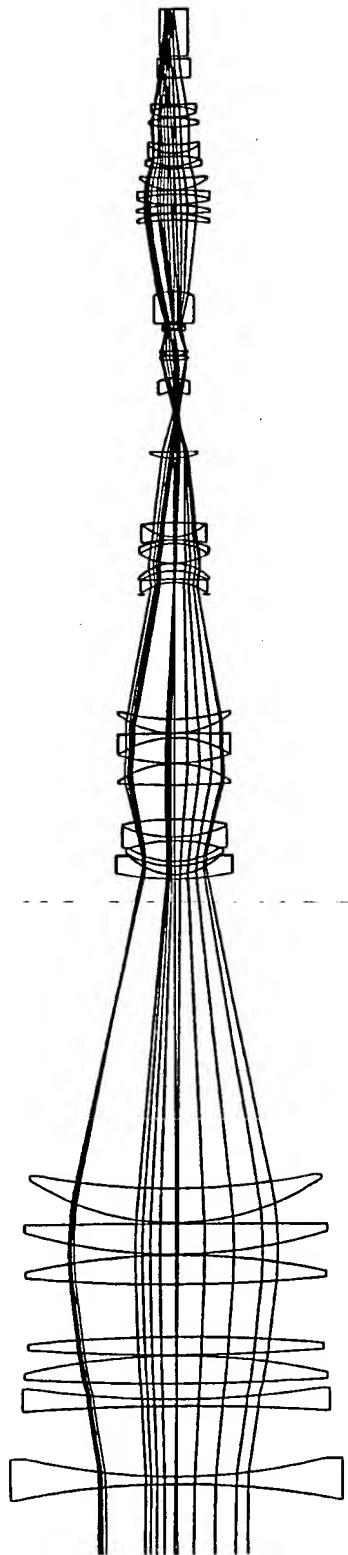


Fig. 20

POSITION 11

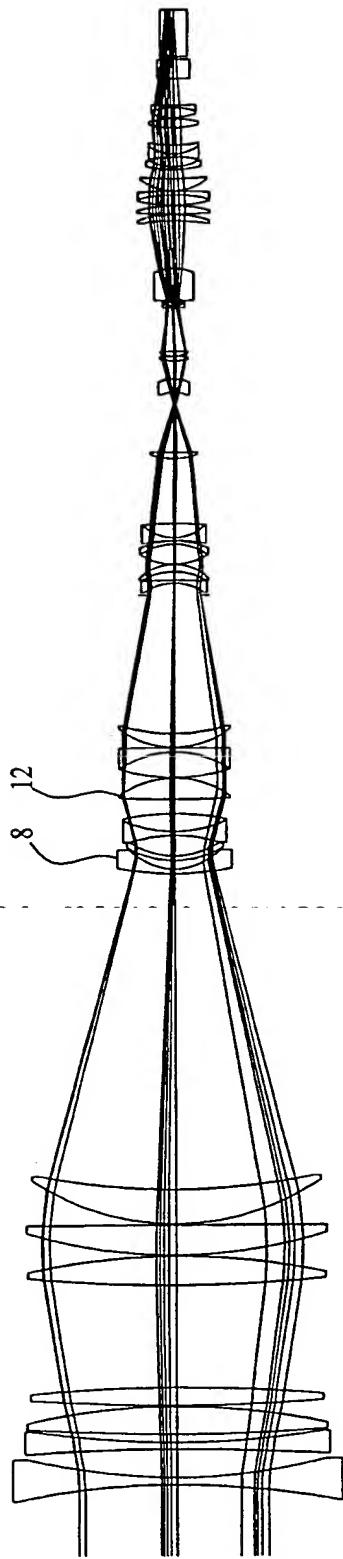


Fig. 21

POSITION 12

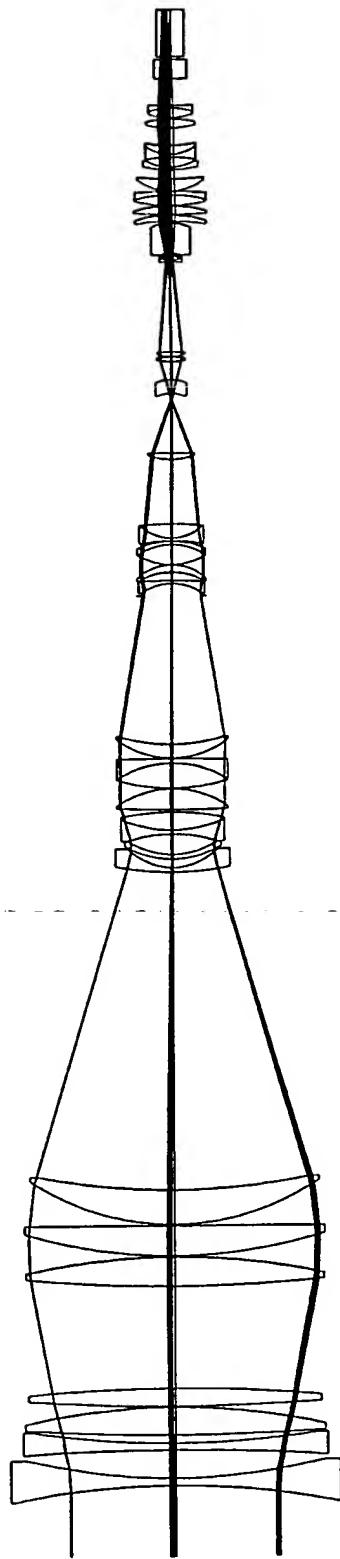


Fig. 22

POSITION 13

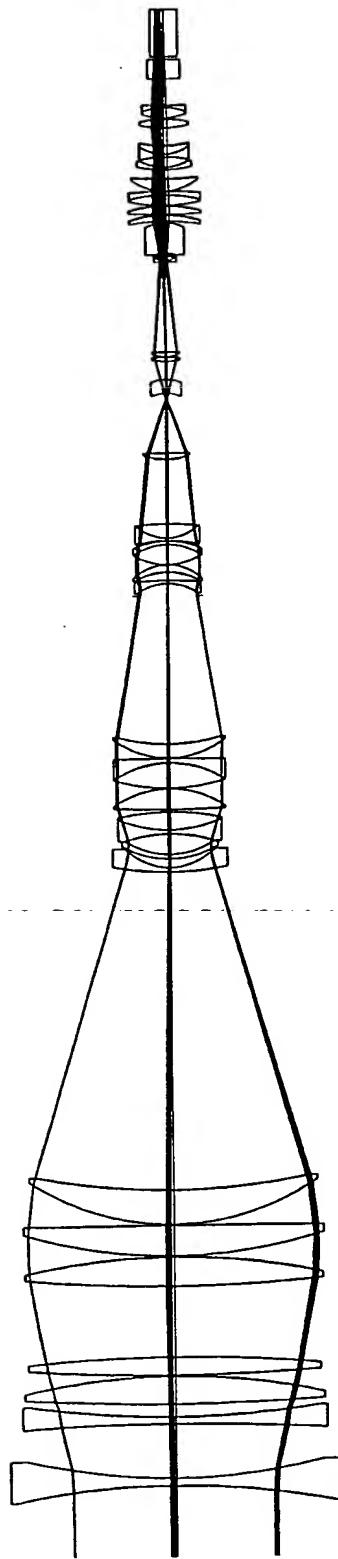
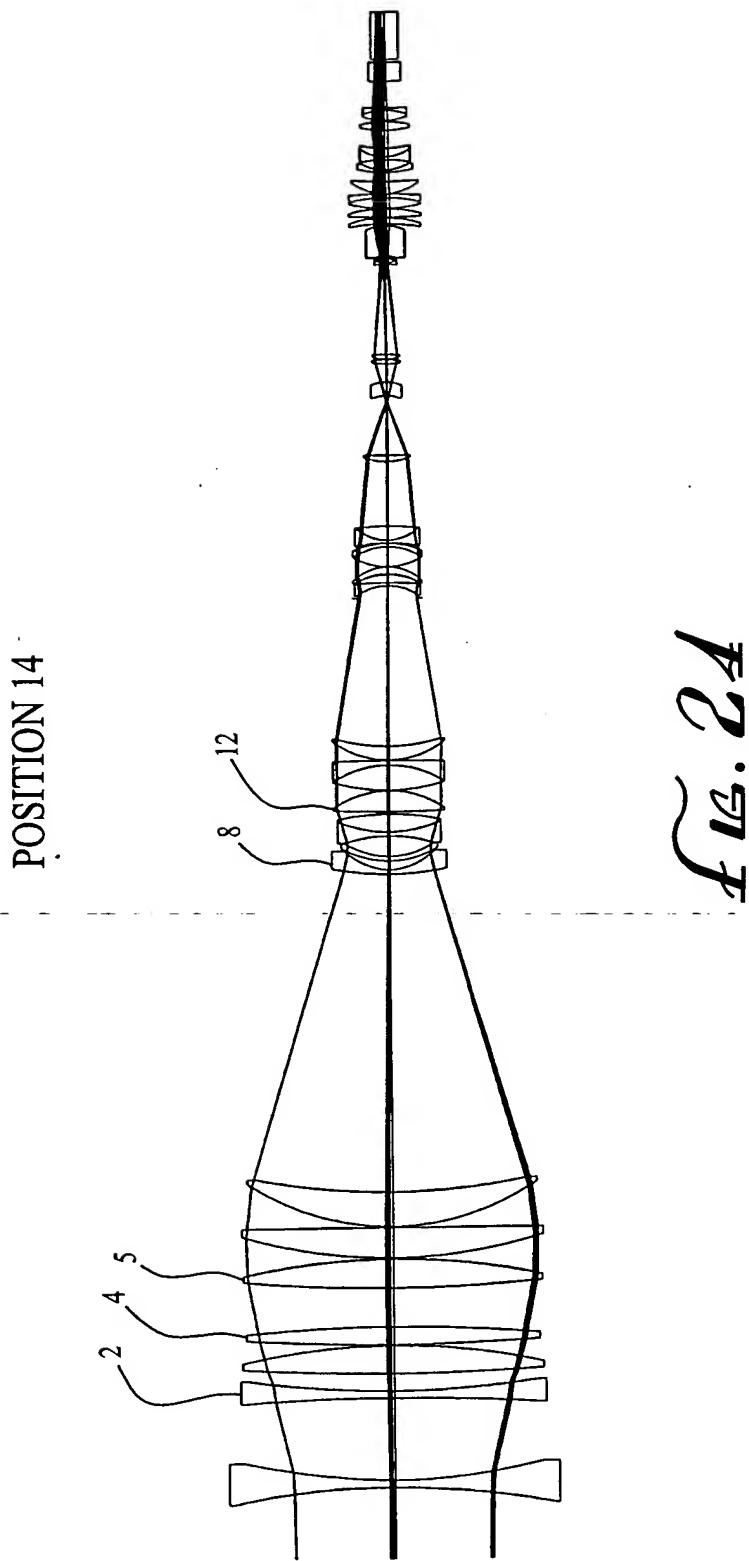


Fig. 23



POSITION 15

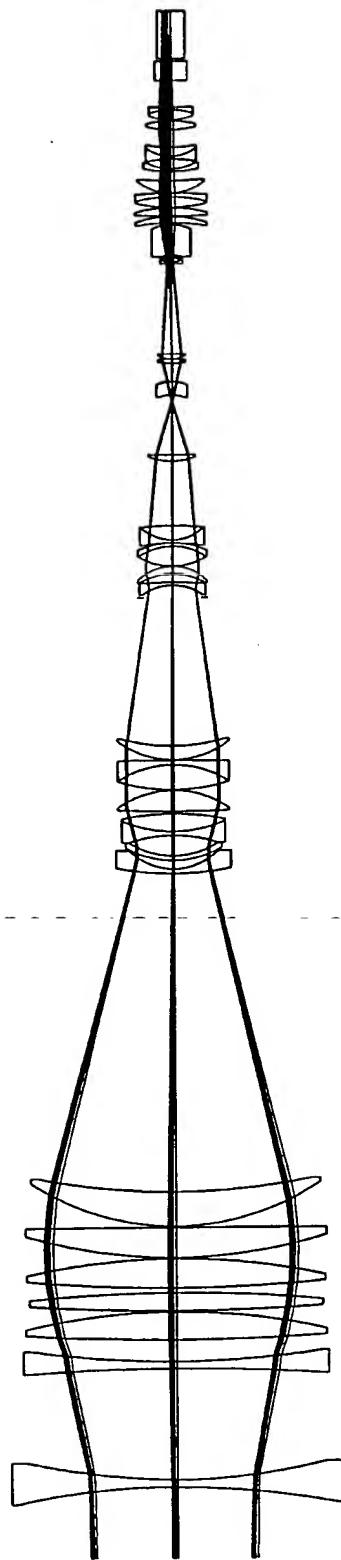


Fig. 25

POSITION 16

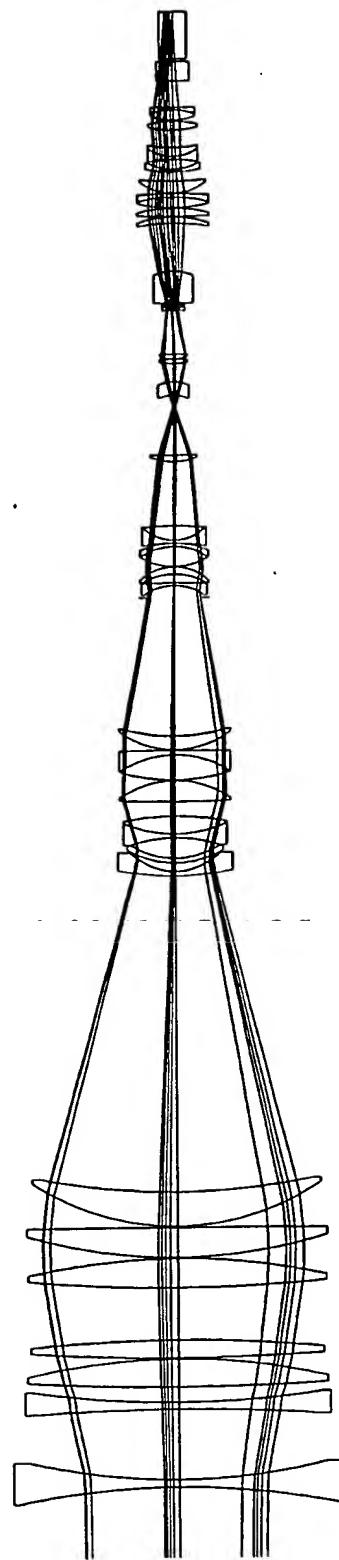


FIG. 26

POSITION 17

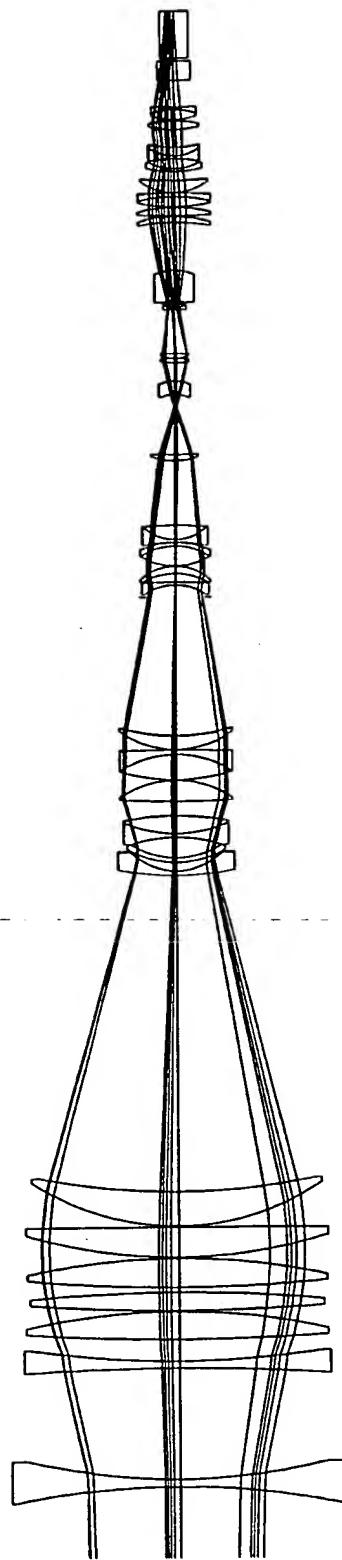


FIG. 27

POSITION 18

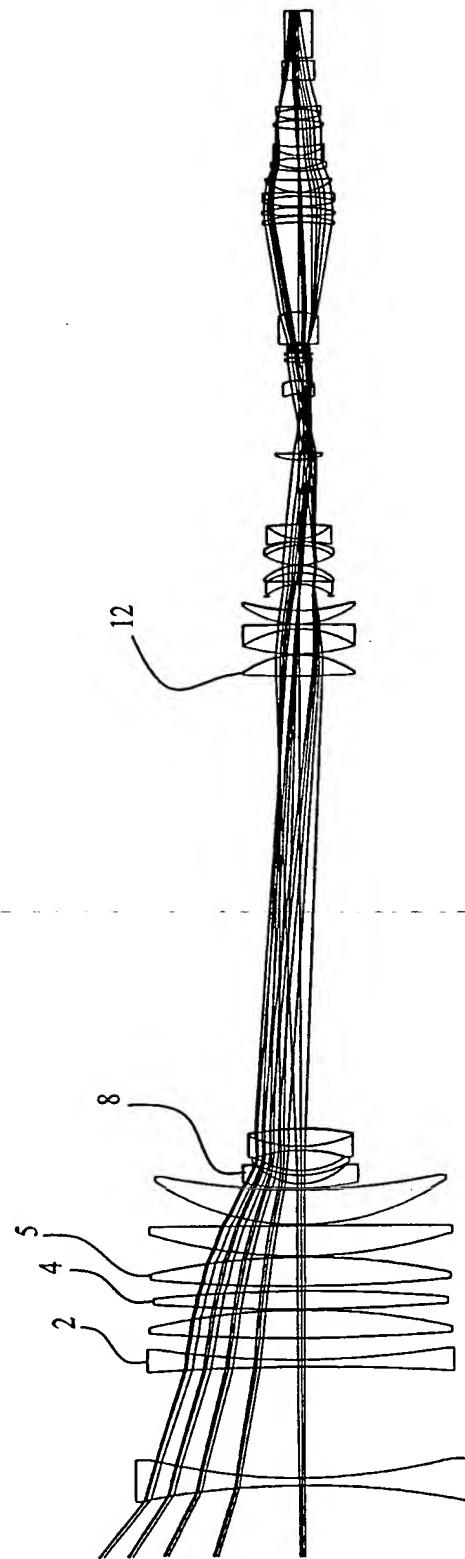
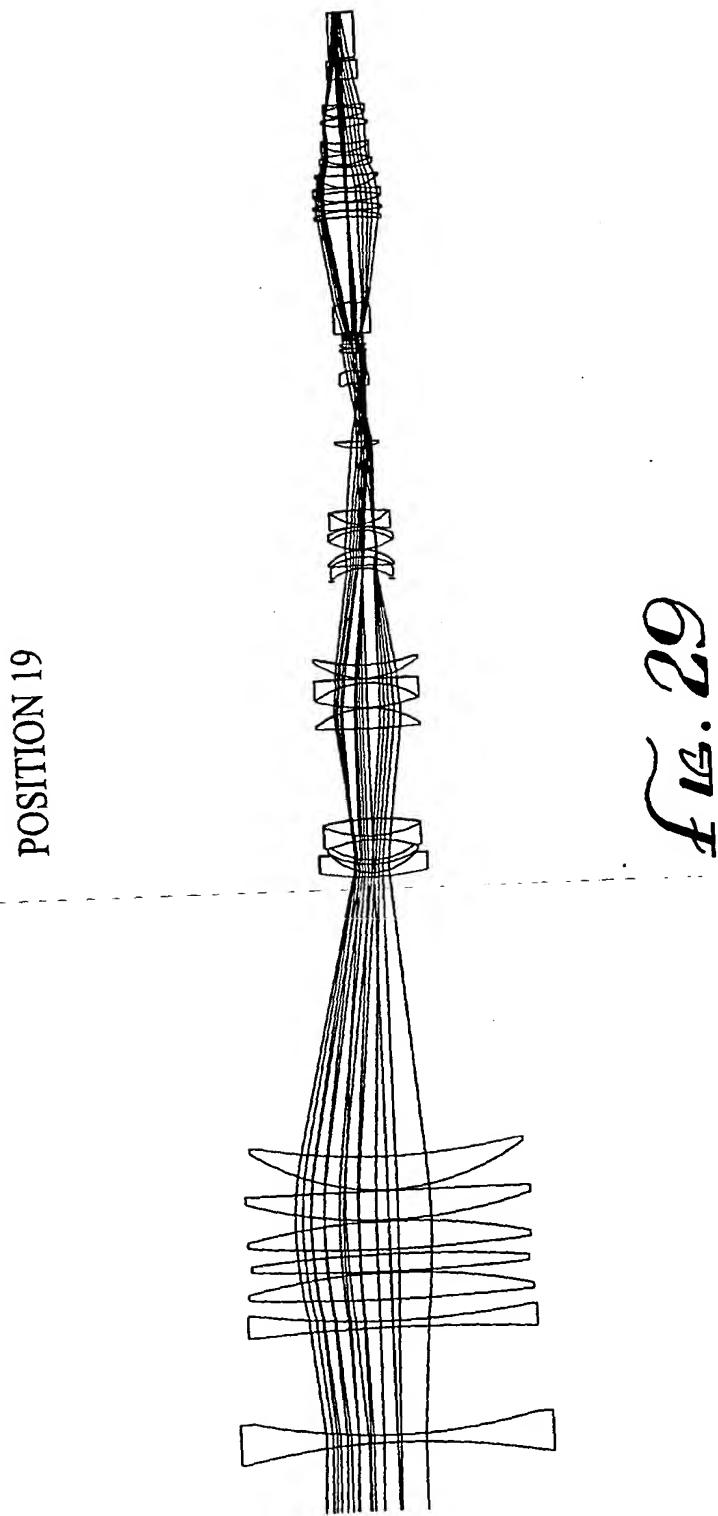


Fig. 28



POSITION 20

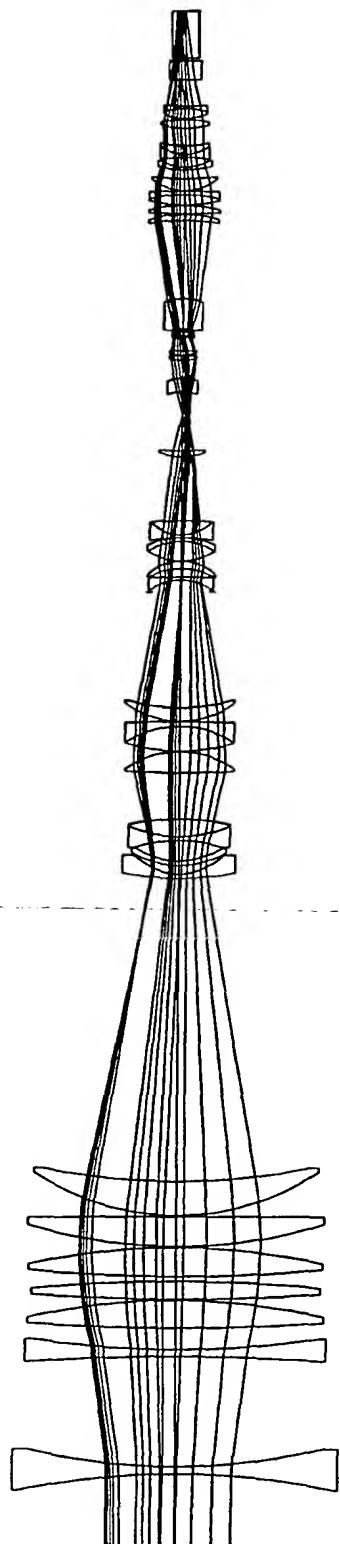
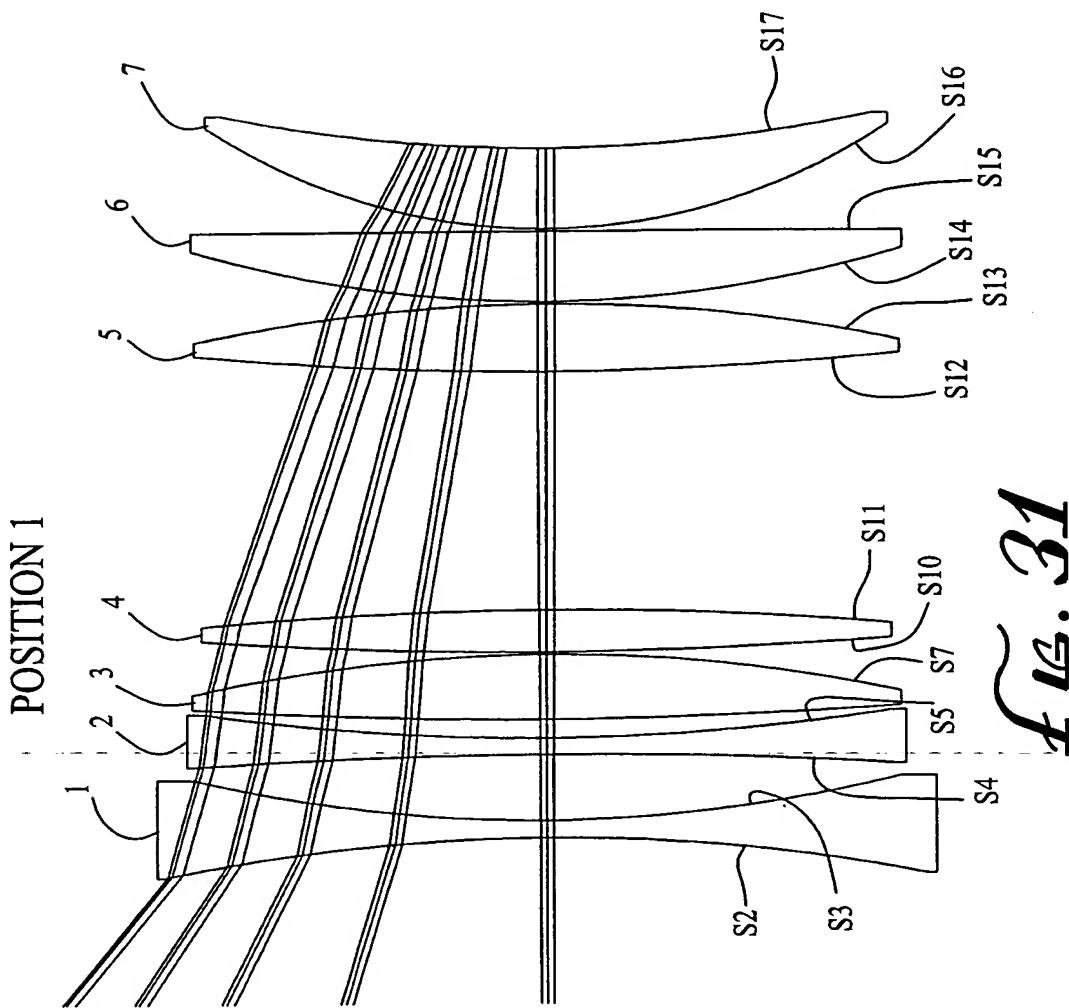


Fig. 30



POSITION 18

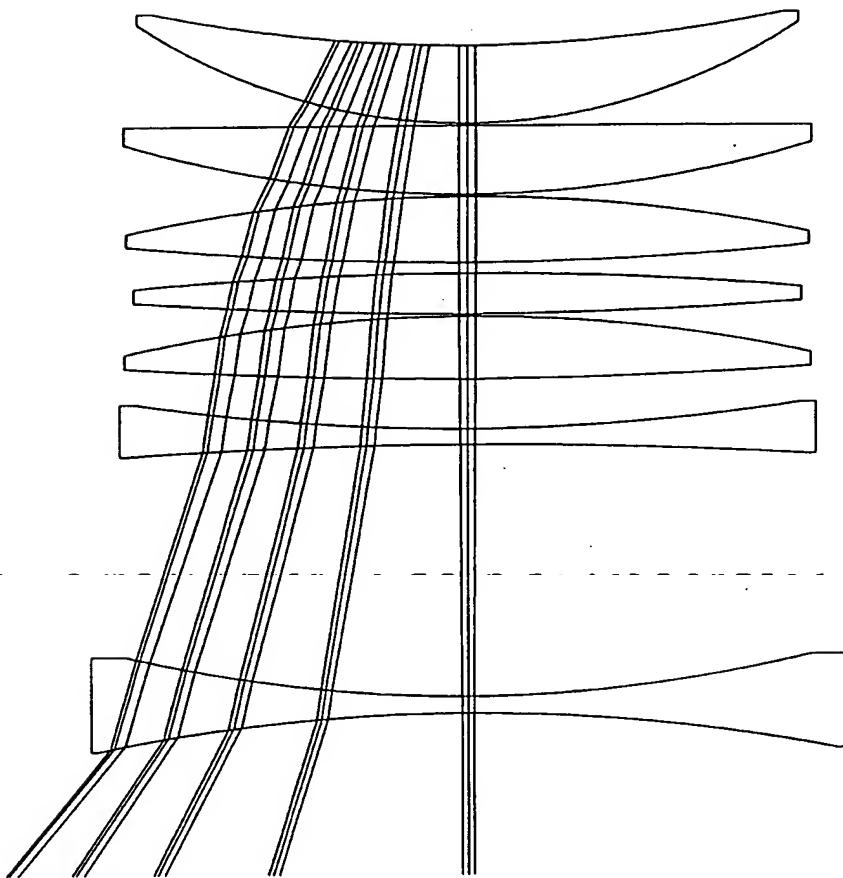


fig. 32

POSITION 12

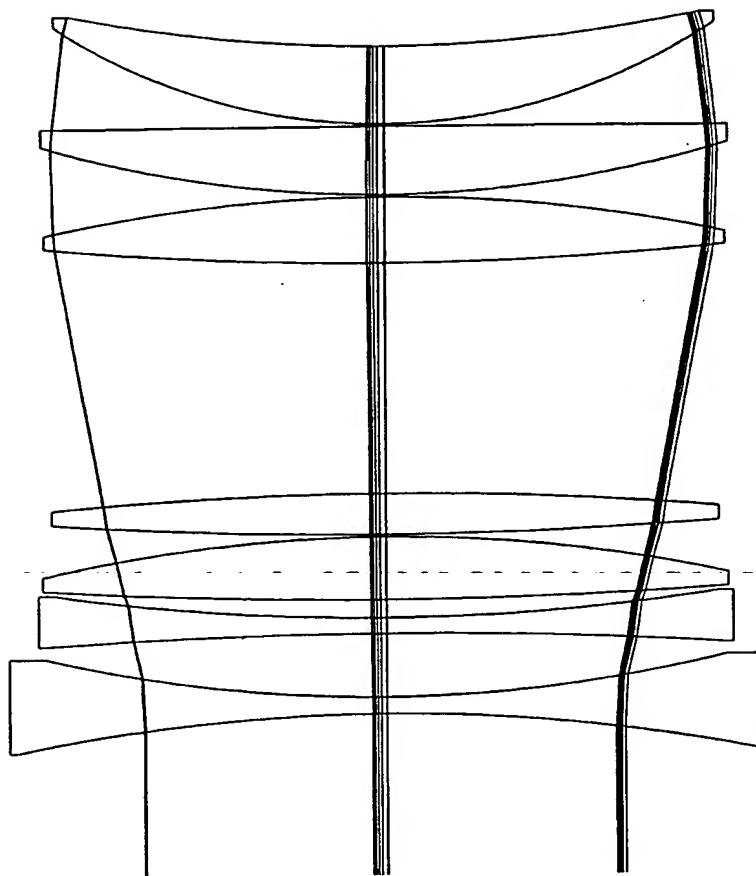


Fig. 33

POSITION 15

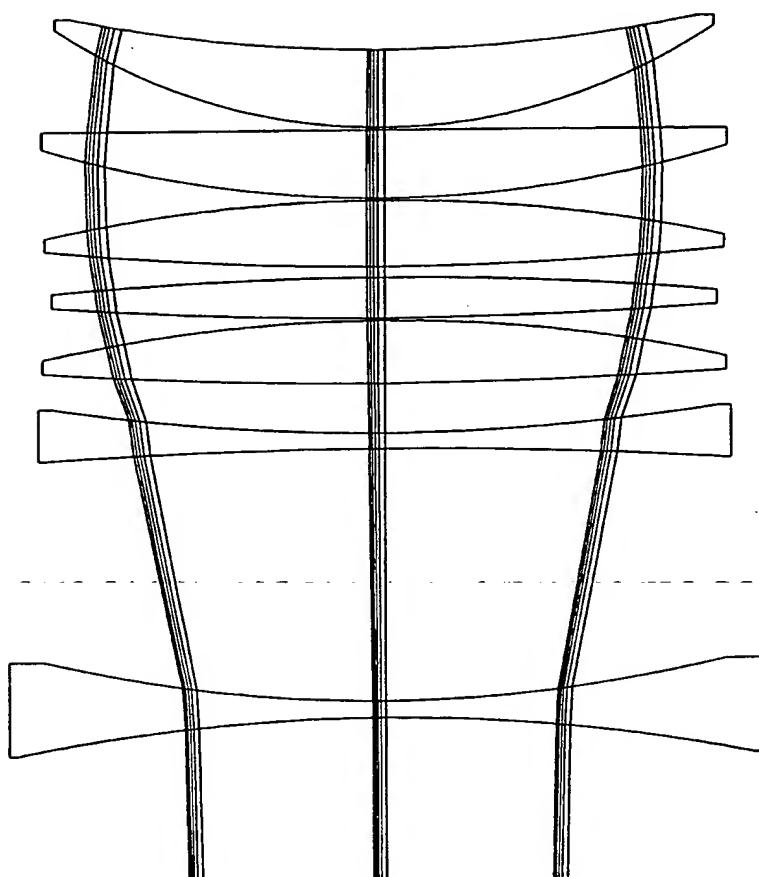
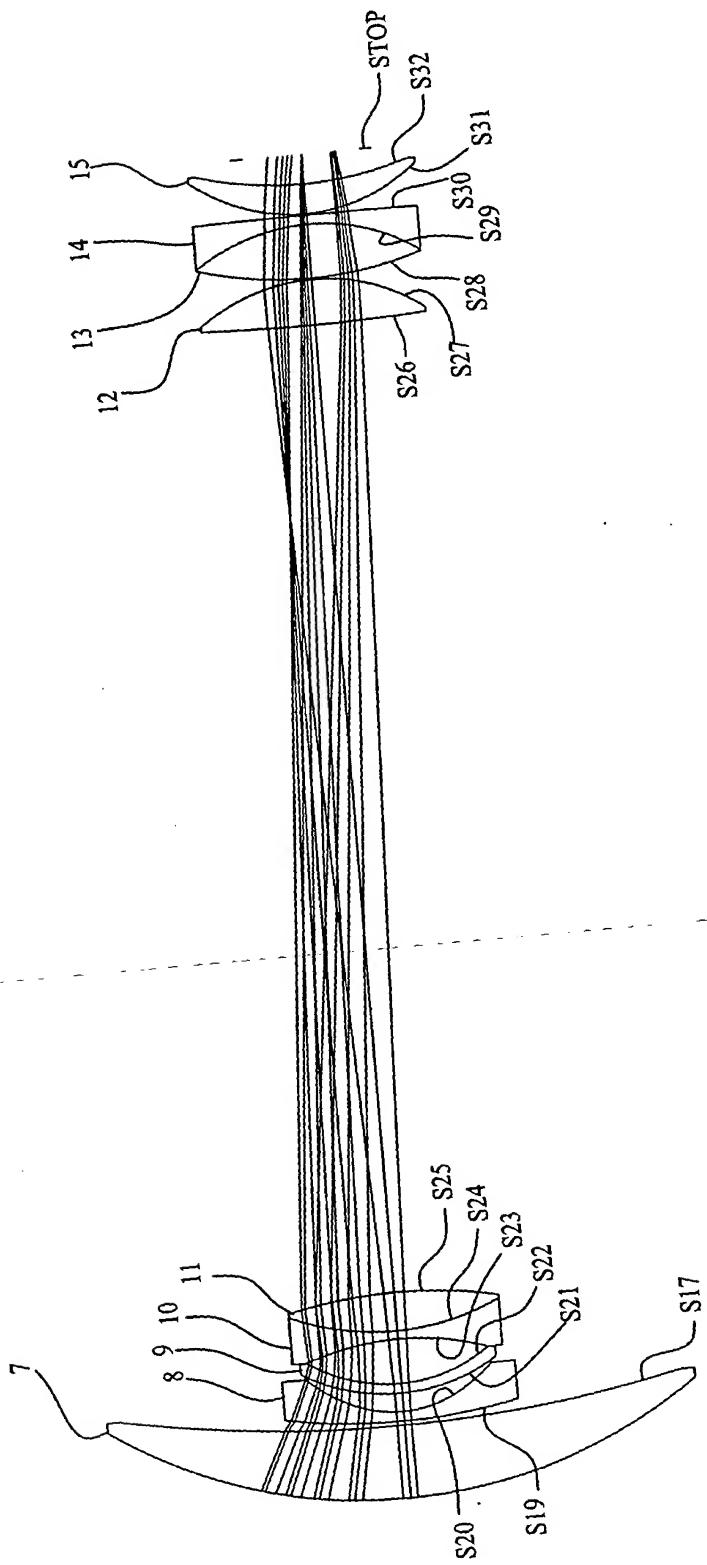


Fig. 34

POSITION 1



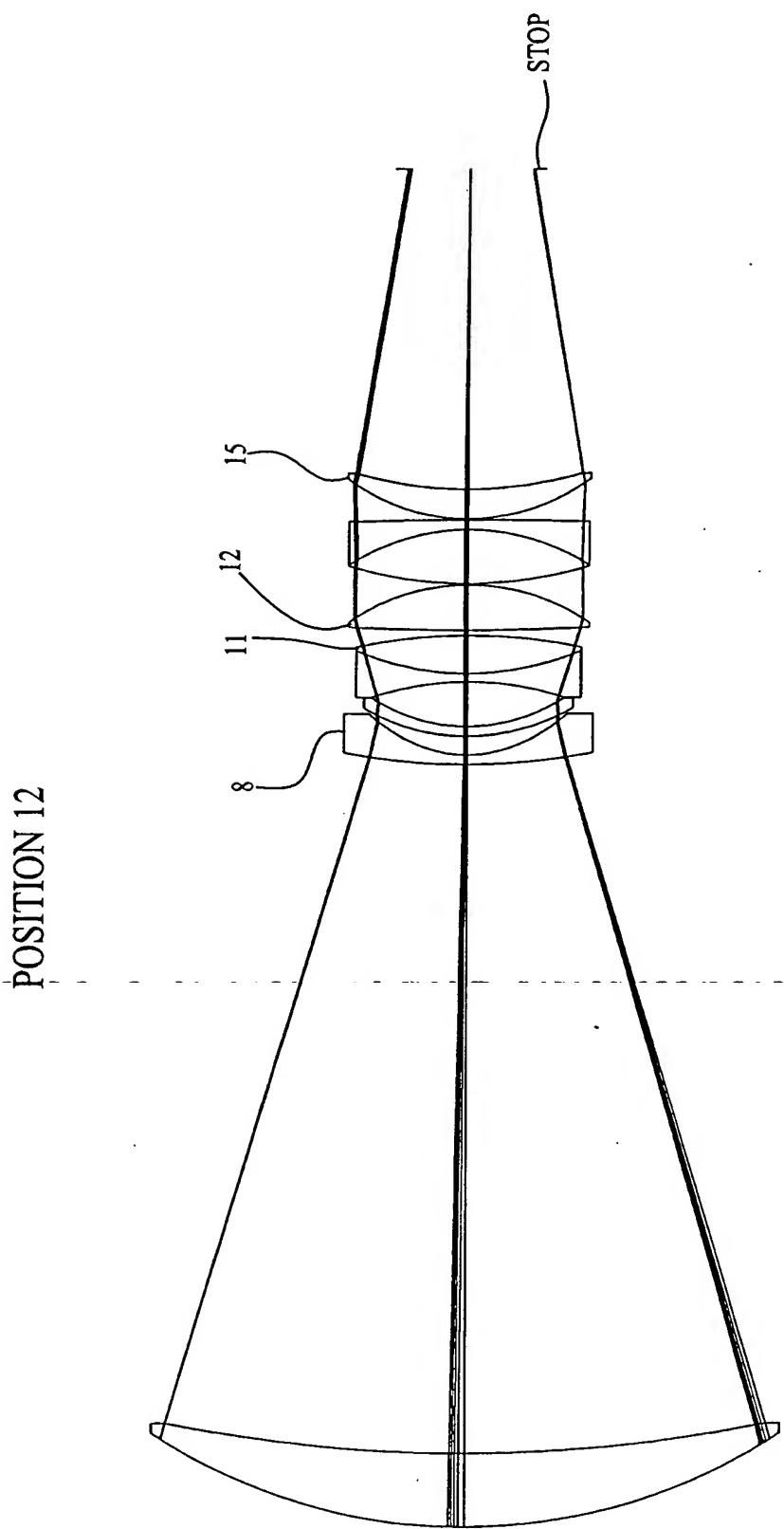
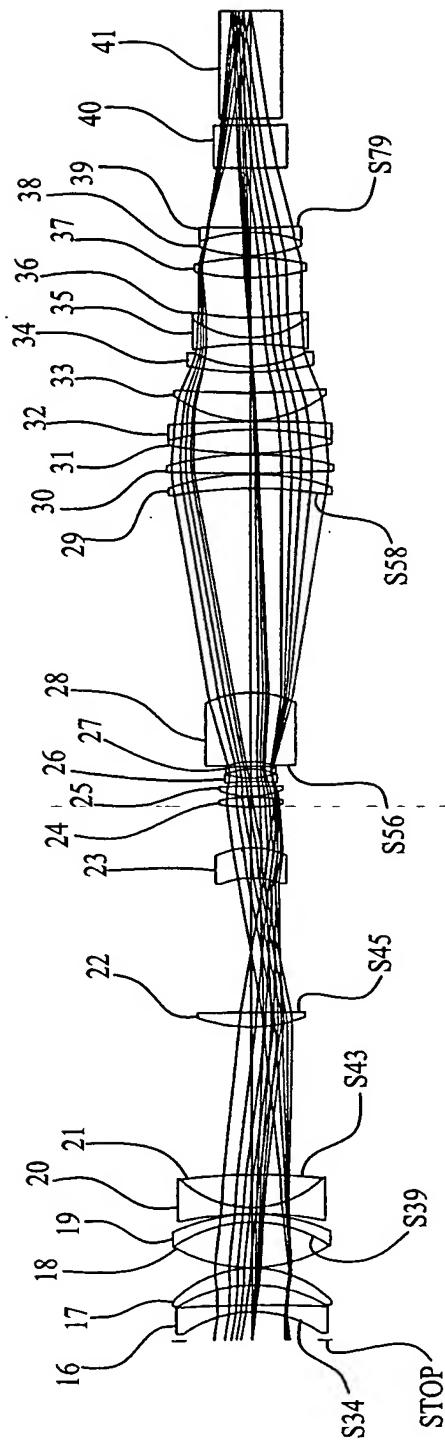


Fig. 36

POSITION 1



POSITION 12

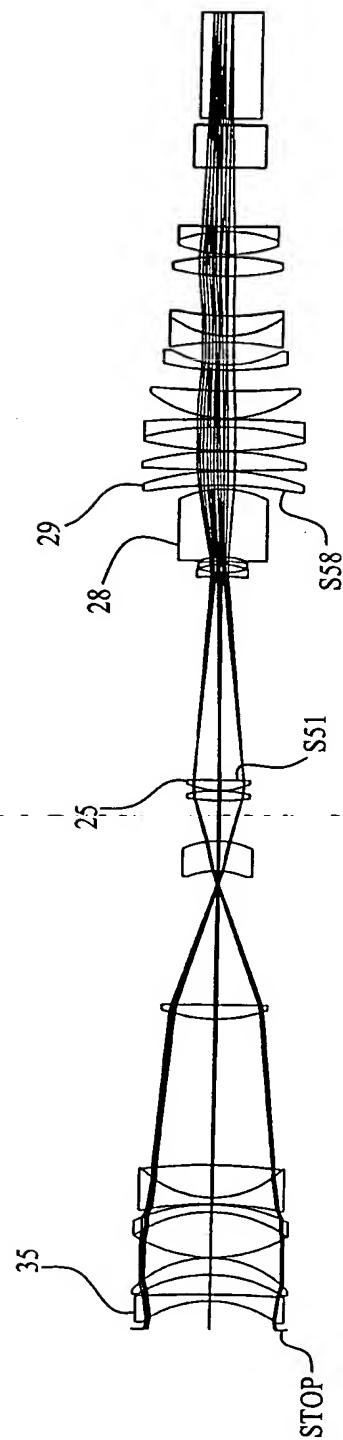
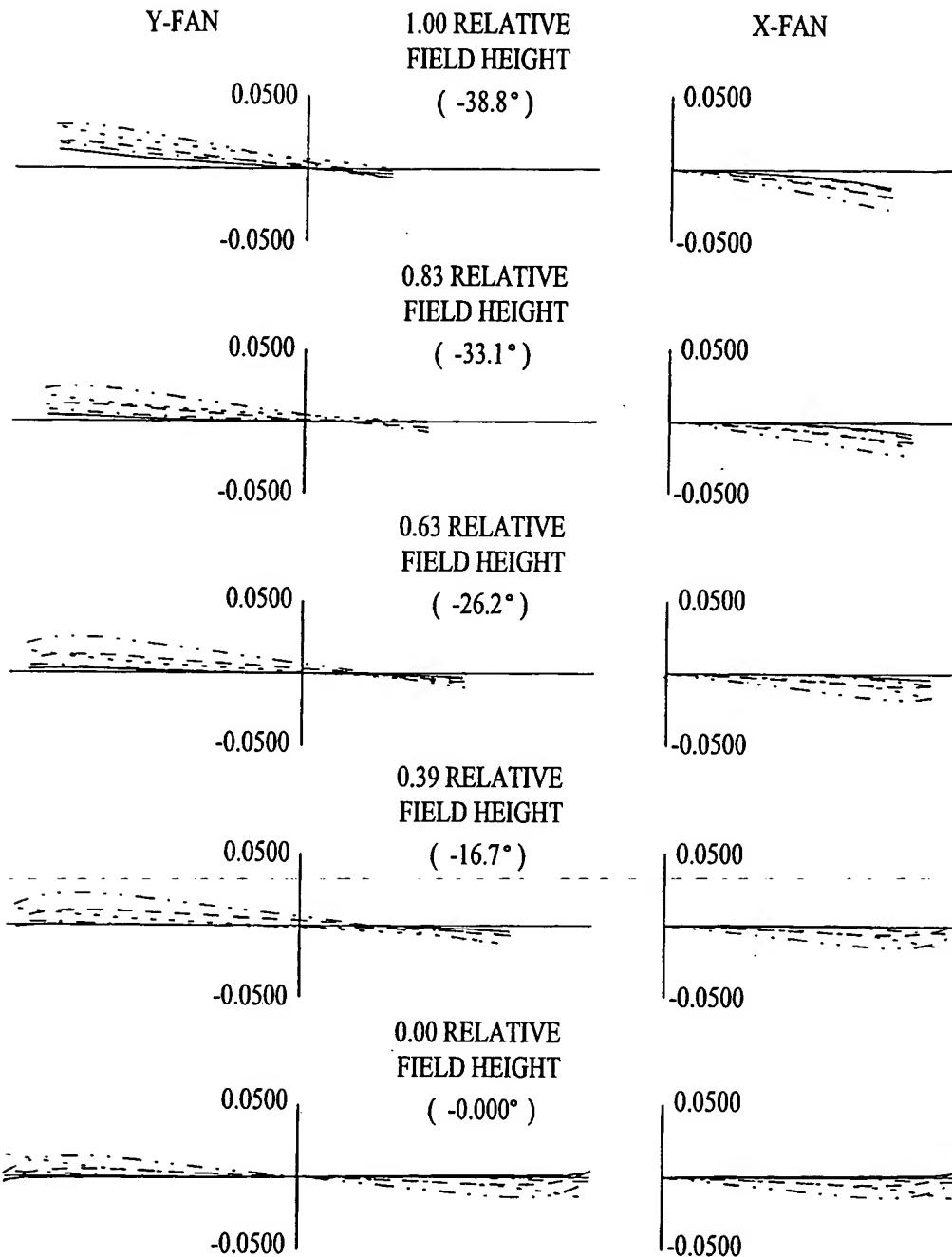
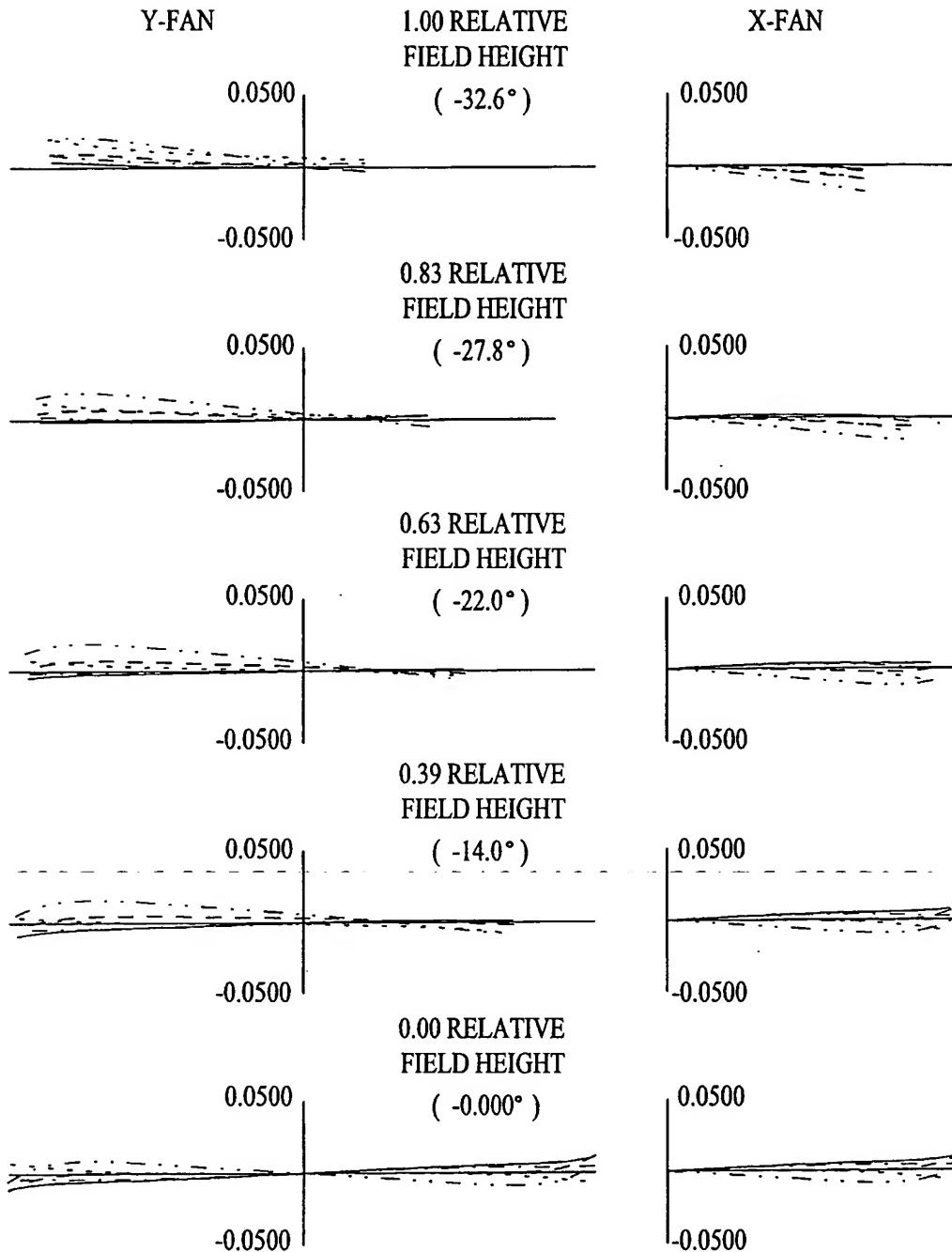


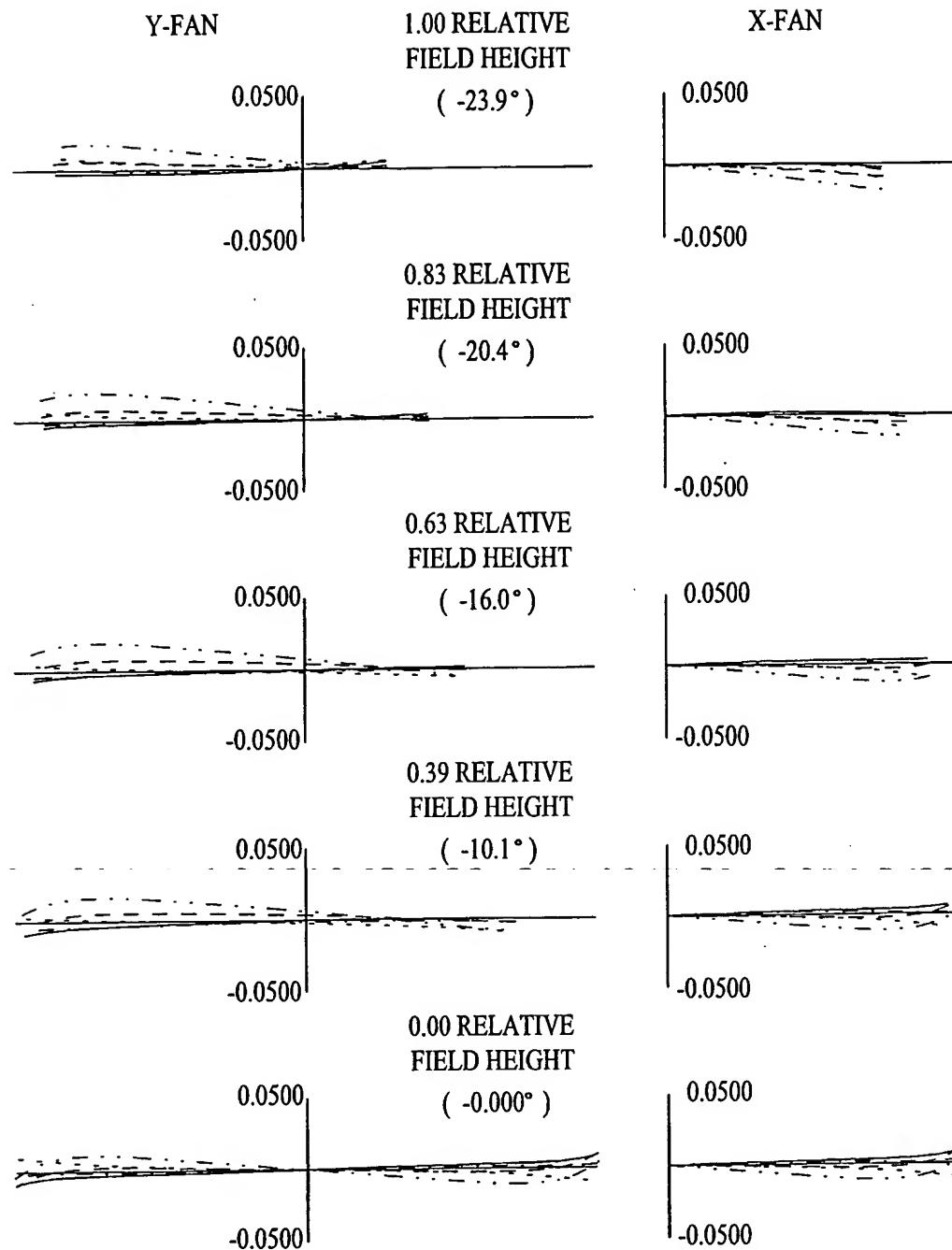
Fig. 38



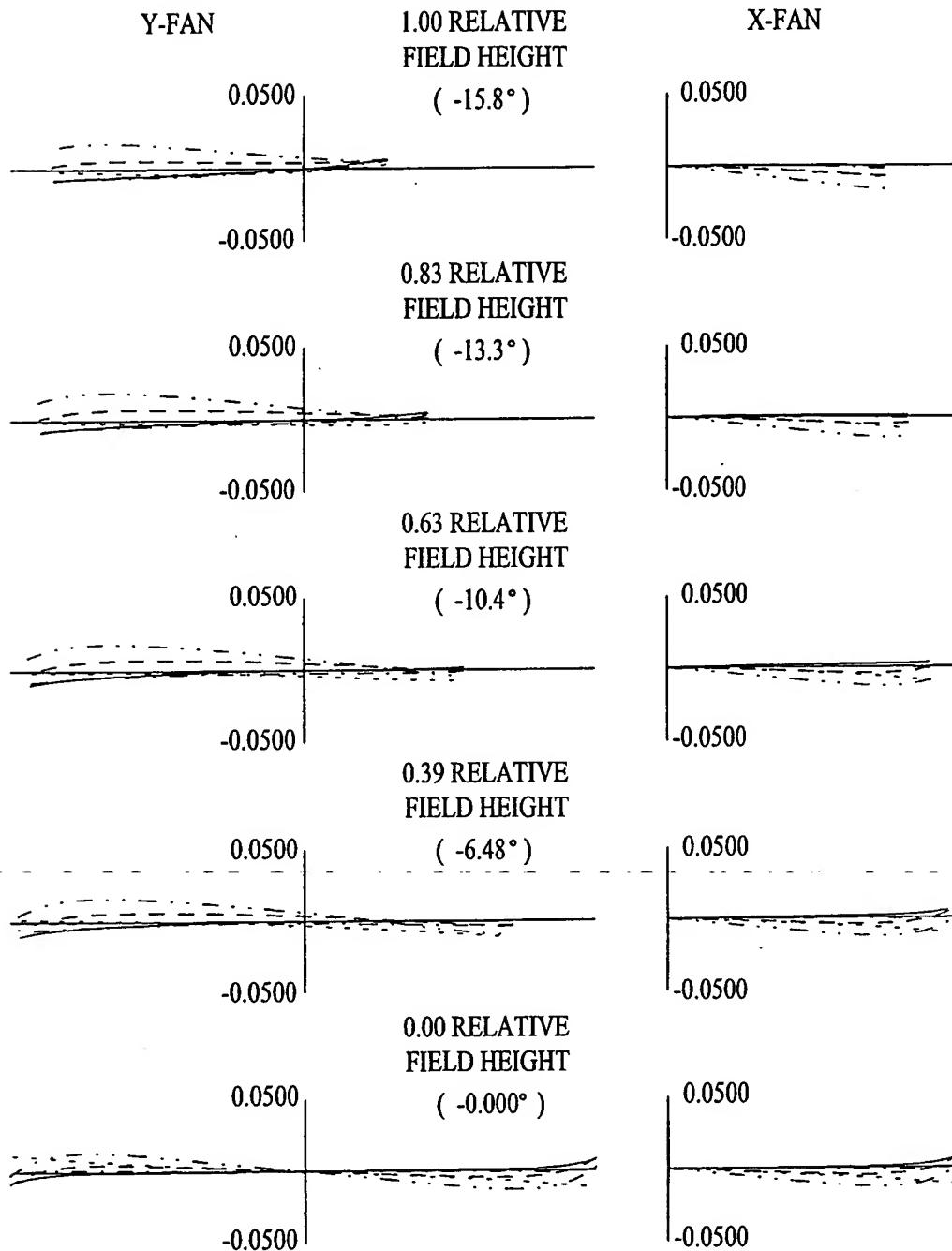
<i>fig. 39</i>	----- 643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	----- 587.5600 NM
POSITION 1	----- 546.0700 NM
	----- 486.1300 NM
	----- 460.0000 NM



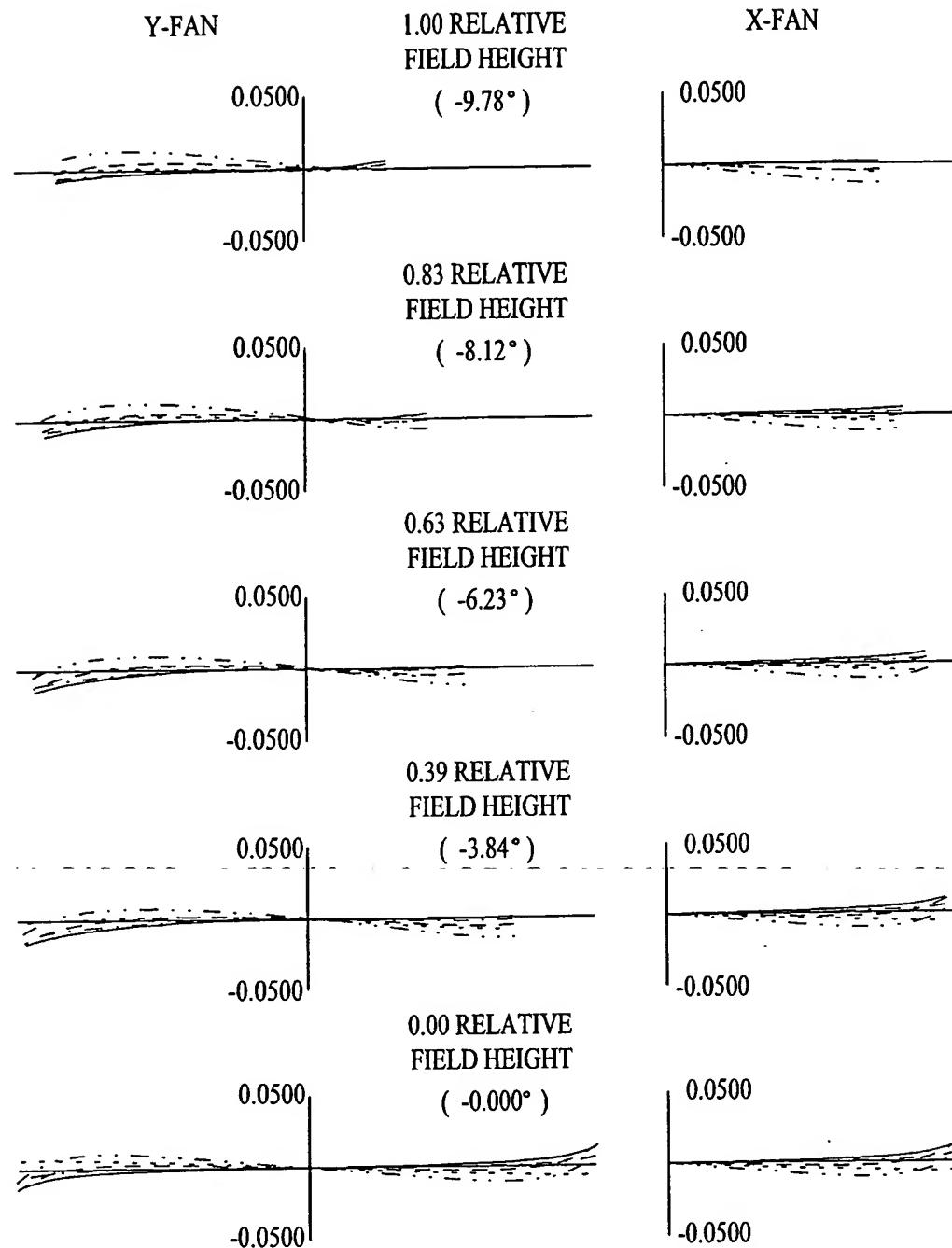
<i>Fig. 40</i> RAY ABERRATIONS (MILLIMETERS) POSITION 2	<p>----- 643.8469 NM ----- 587.5600 NM ===== 546.0700 NM ----- 486.1300 NM ----- 460.0000 NM</p>
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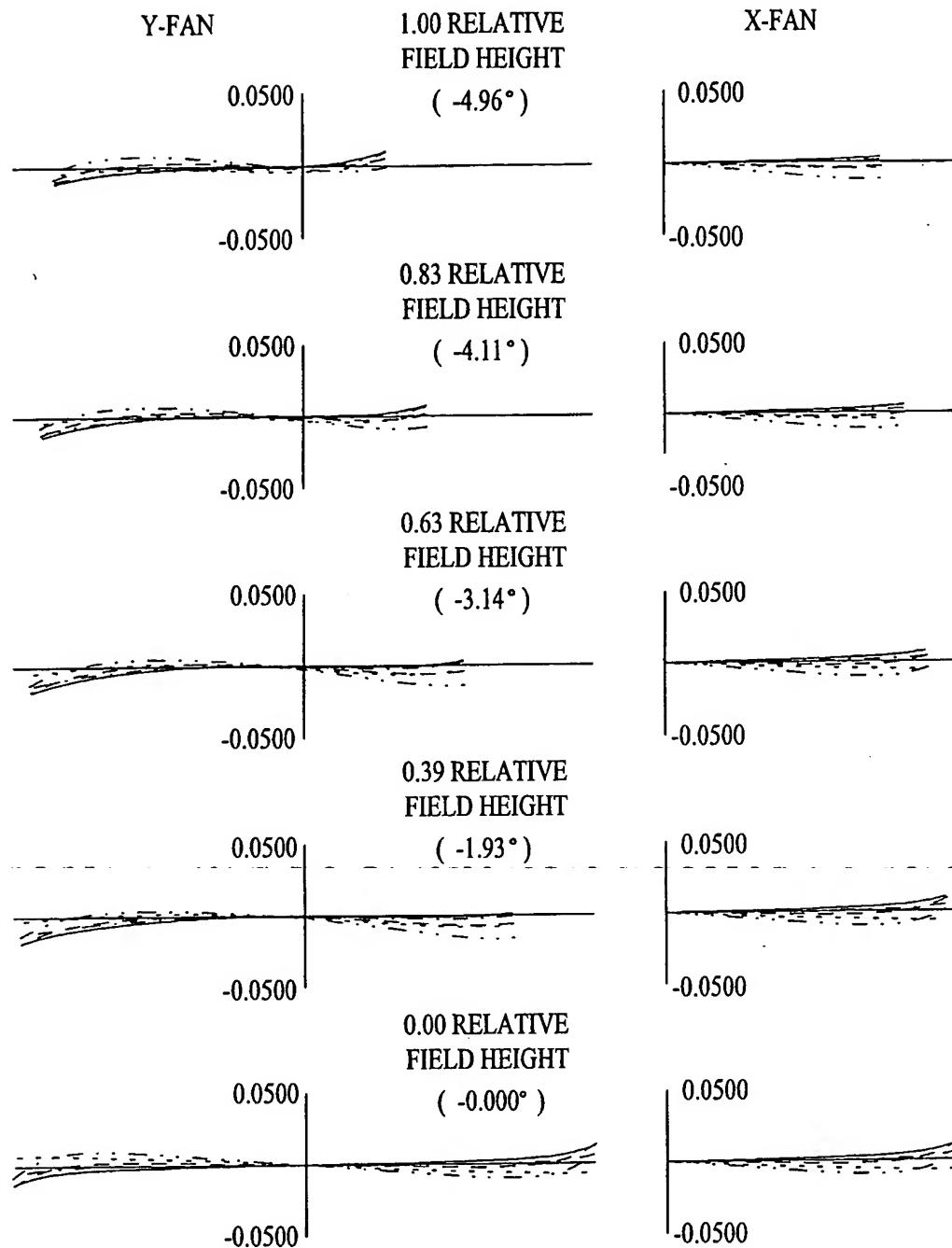
<i>fig. 41</i>	643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	587.5600 NM
POSITION 3	546.0700 NM
	486.1300 NM
	460.0000 NM



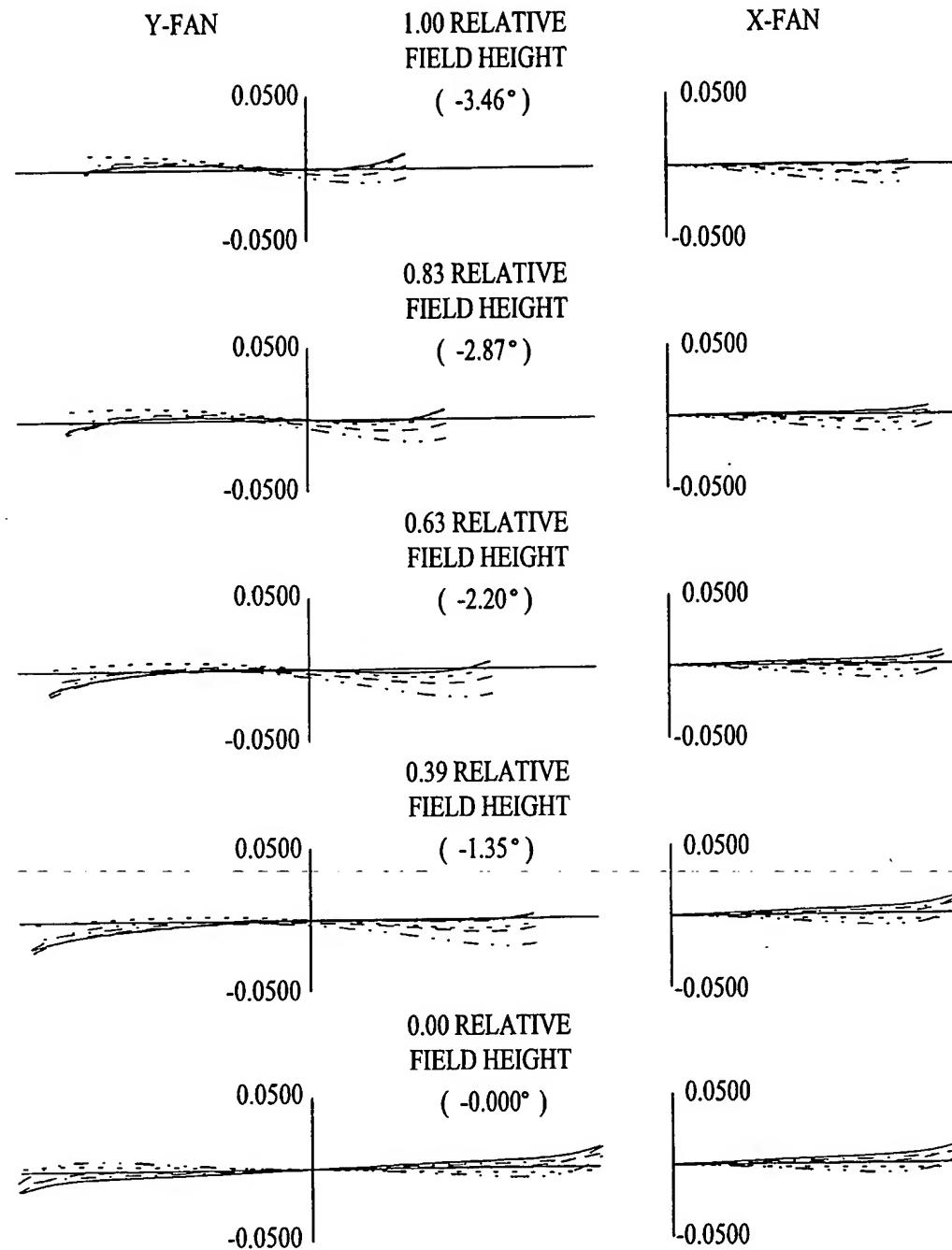
<i>fis. 42</i>	643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	587.5600 NM
POSITION 4	546.0700 NM
	486.1300 NM
	460.0000 NM



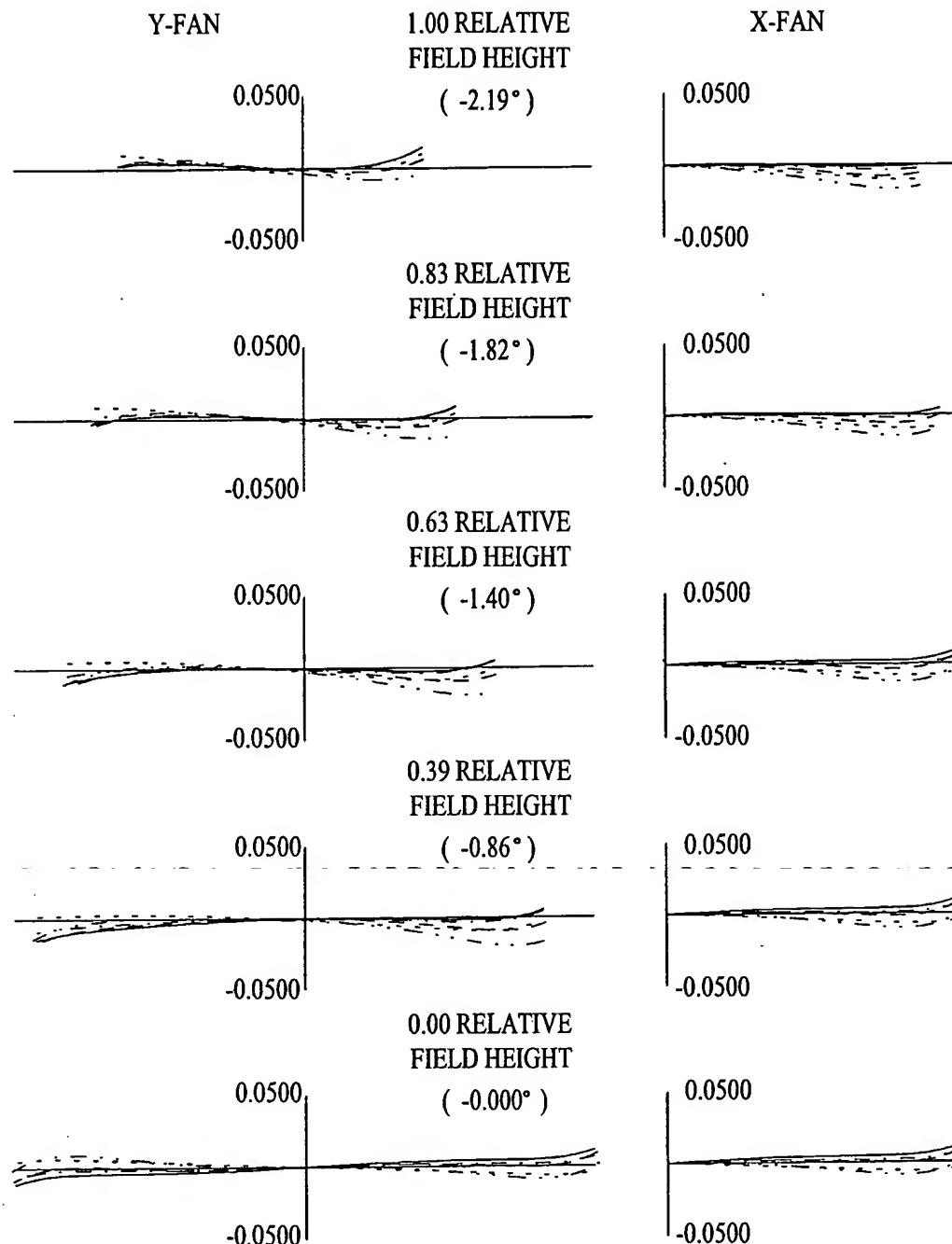
<i>Fig. 43</i>	643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	587.5600 NM
POSITION 5	546.0700 NM
	486.1300 NM
	460.0000 NM



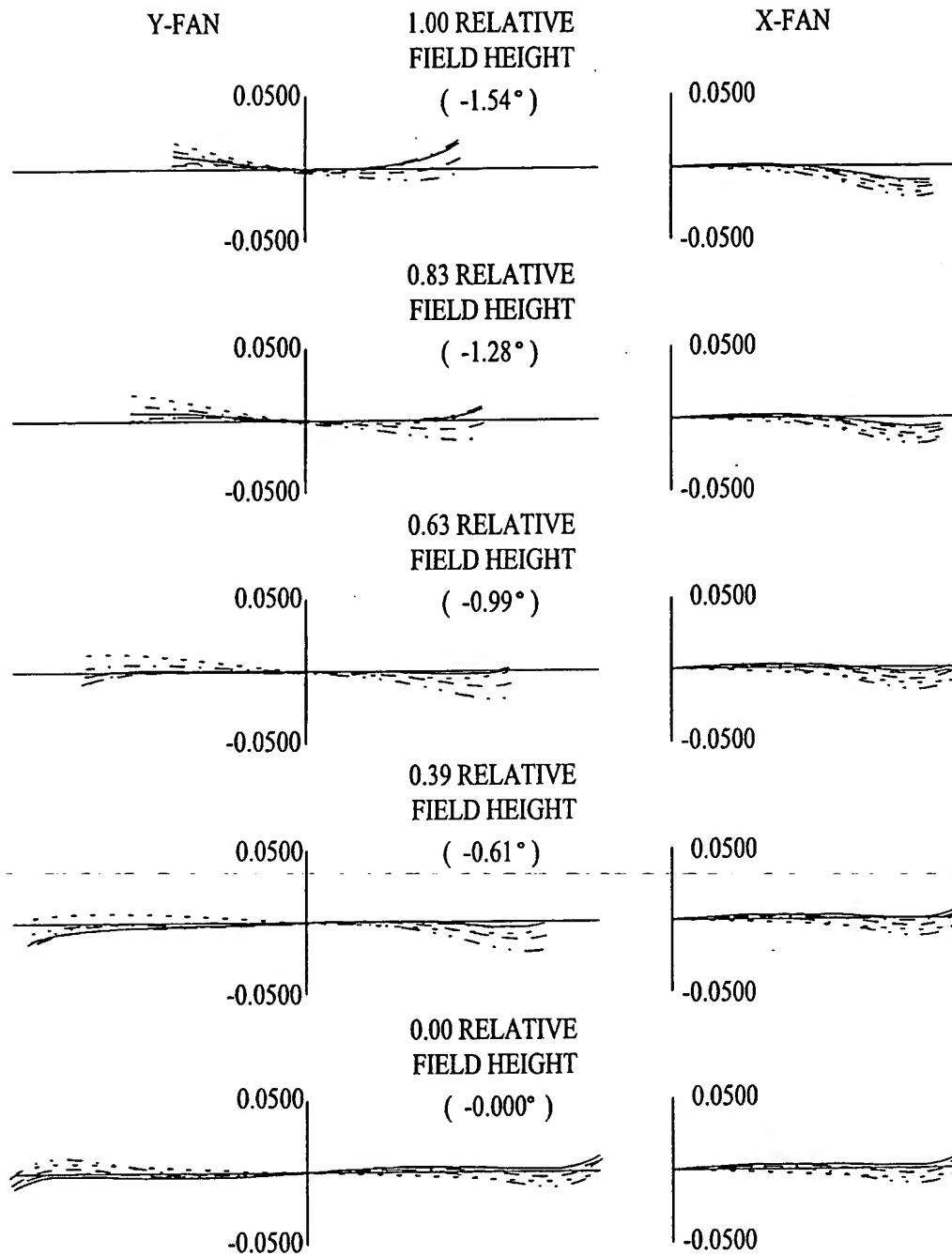
<i>Fig. 44</i> RAY ABERRATIONS (MILLIMETERS) POSITION 6	643.8469 NM 587.5600 NM 546.0700 NM 486.1300 NM 460.0000 NM
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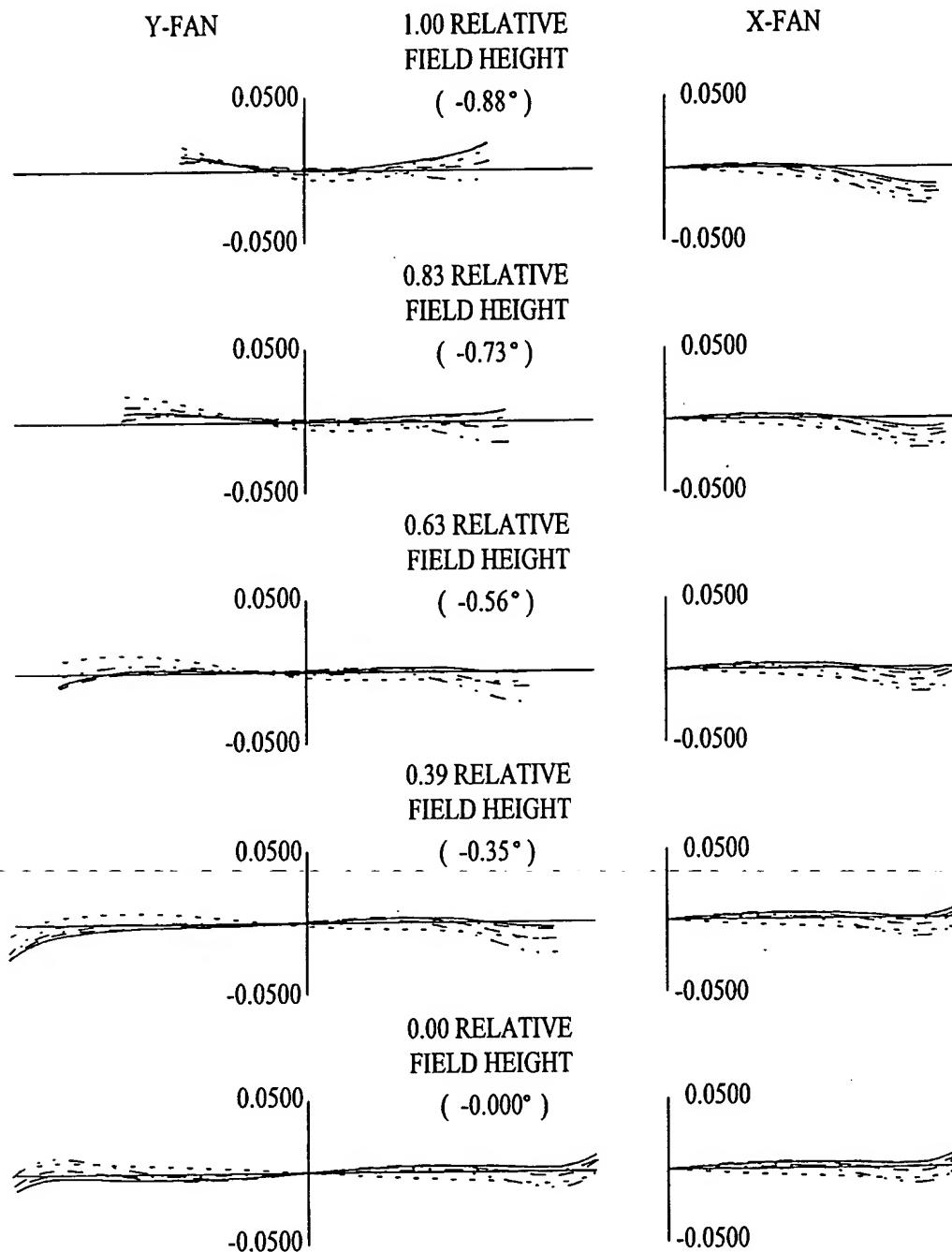
<i>fig. 45</i> RAY ABERRATIONS (MILLIMETERS) POSITION 7	----- 643.8469 NM ----- 587.5600 NM ===== 546.0700 NM ----- 486.1300 NM ----- 460.0000 NM
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<i>FIG. 46</i> RAY ABERRATIONS (MILLIMETERS) POSITION 8	643.8469 NM 587.5600 NM 546.0700 NM 486.1300 NM 460.0000 NM
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<i>fig. 47</i>	643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	587.5600 NM
POSITION 9	546.0700 NM
	486.1300 NM
	460.0000 NM



<i>f 16. 48</i> RAY ABERRATIONS (MILLIMETERS) POSITION 10	----- 643.8469 NM ----- 587.5600 NM ===== 546.0700 NM ----- 486.1300 NM ----- 460.0000 NM
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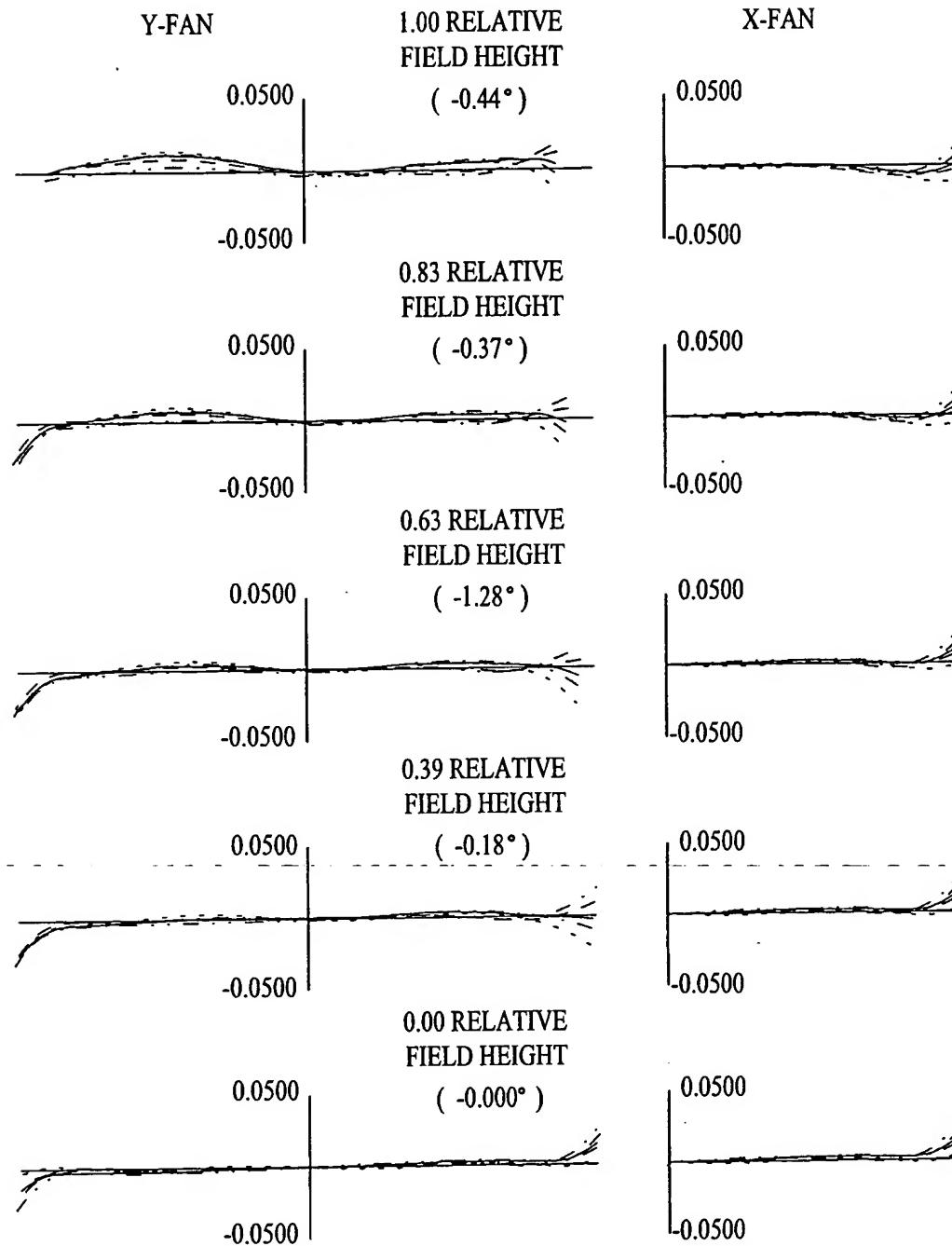
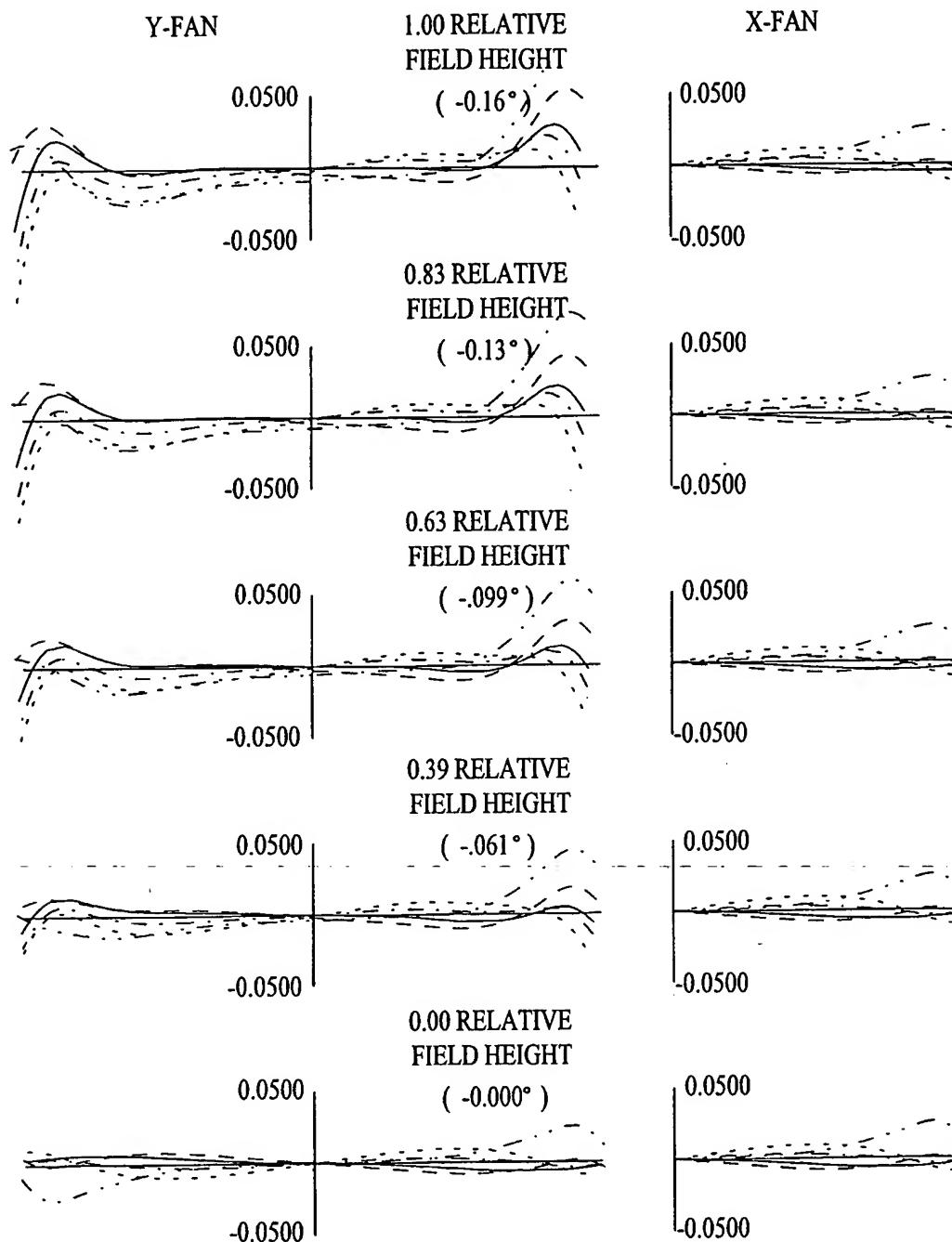


Fig. 49 RAY ABERRATIONS (MILLIMETERS)	----- 643.8469 NM
POSITION 11	----- 587.5600 NM
	----- 546.0700 NM
	----- 486.1300 NM
	----- 460.0000 NM



 RAY ABERRATIONS (MILLIMETERS) POSITION 12	- 643.8469 NM - 587.5600 NM - 546.0700 NM - 486.1300 NM - 460.0000 NM
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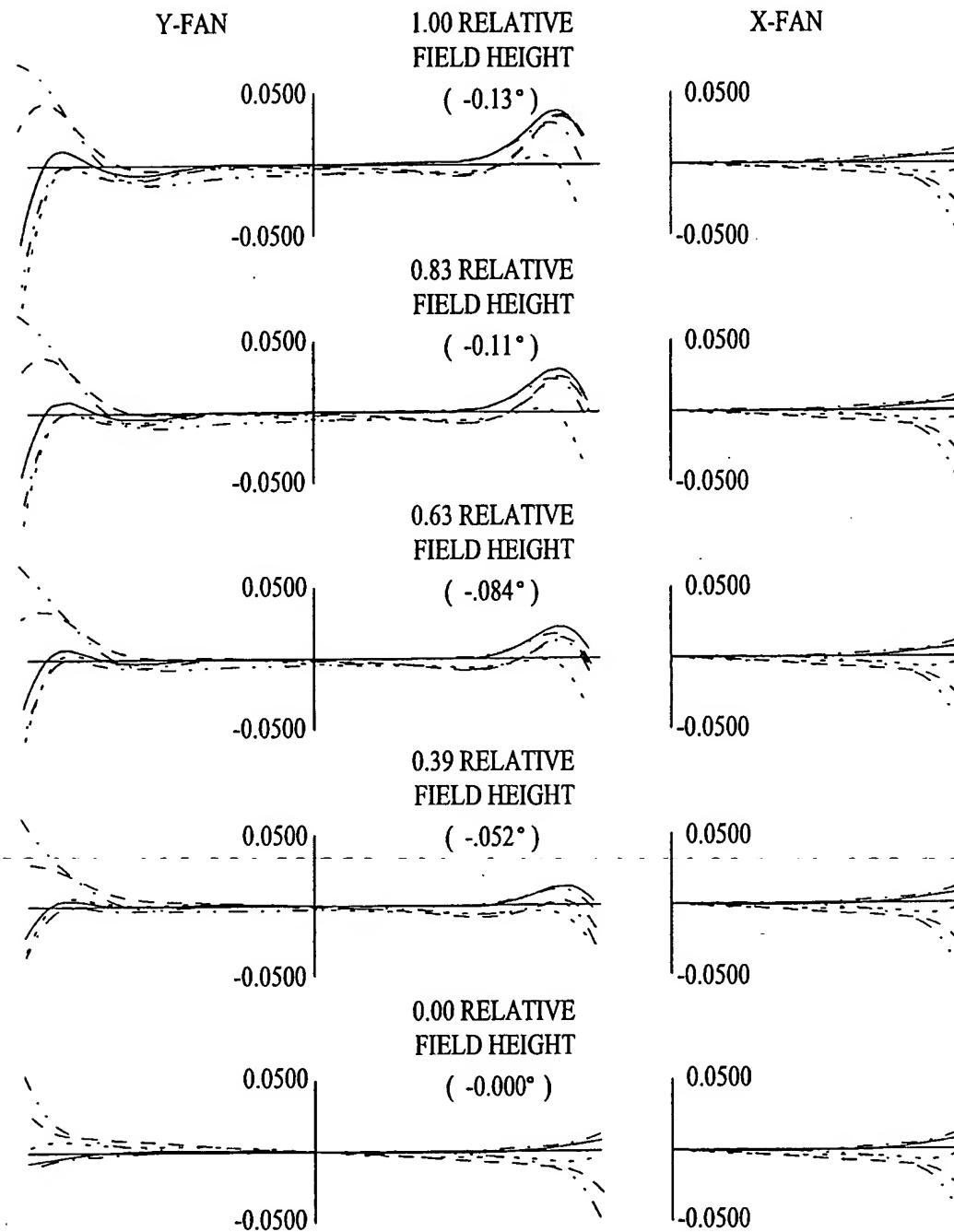
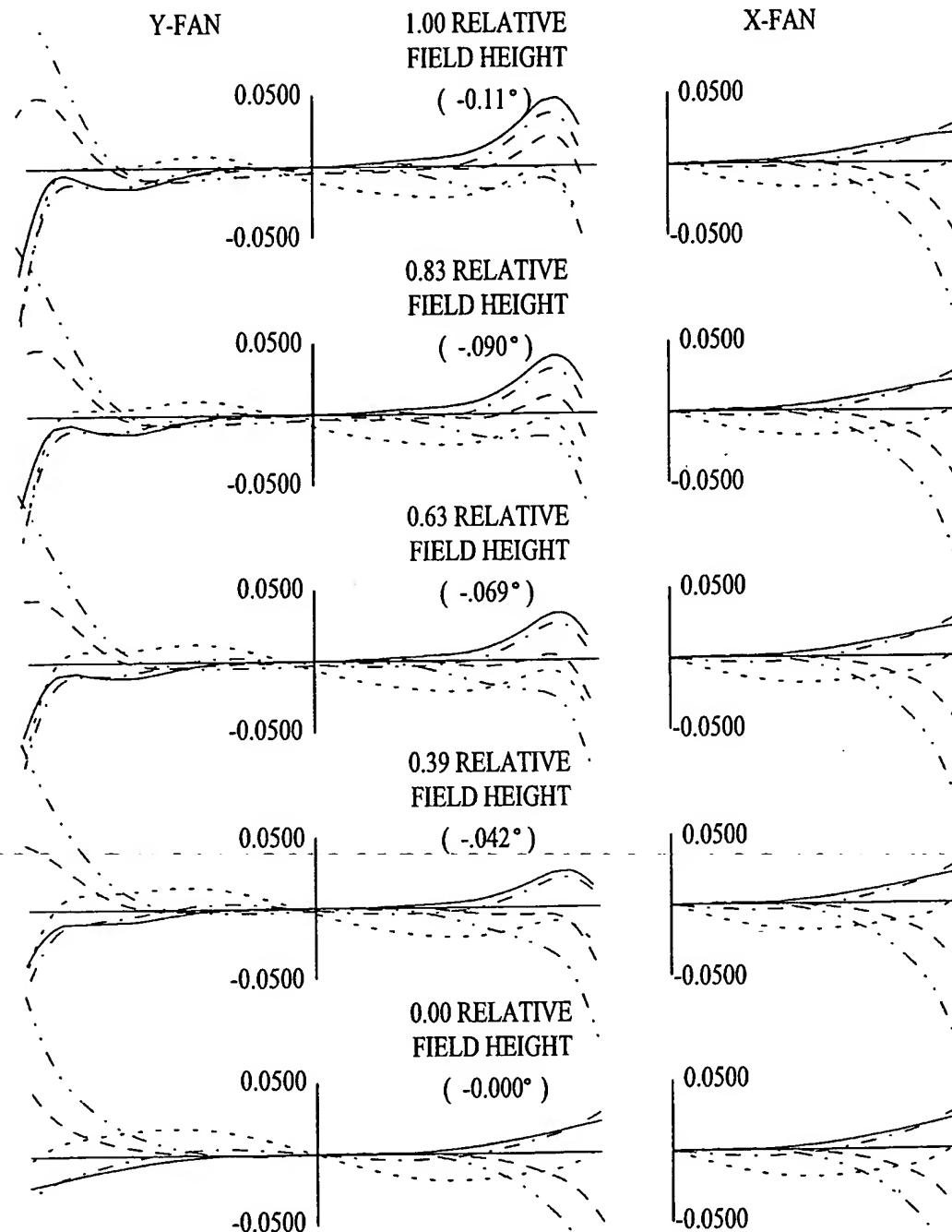
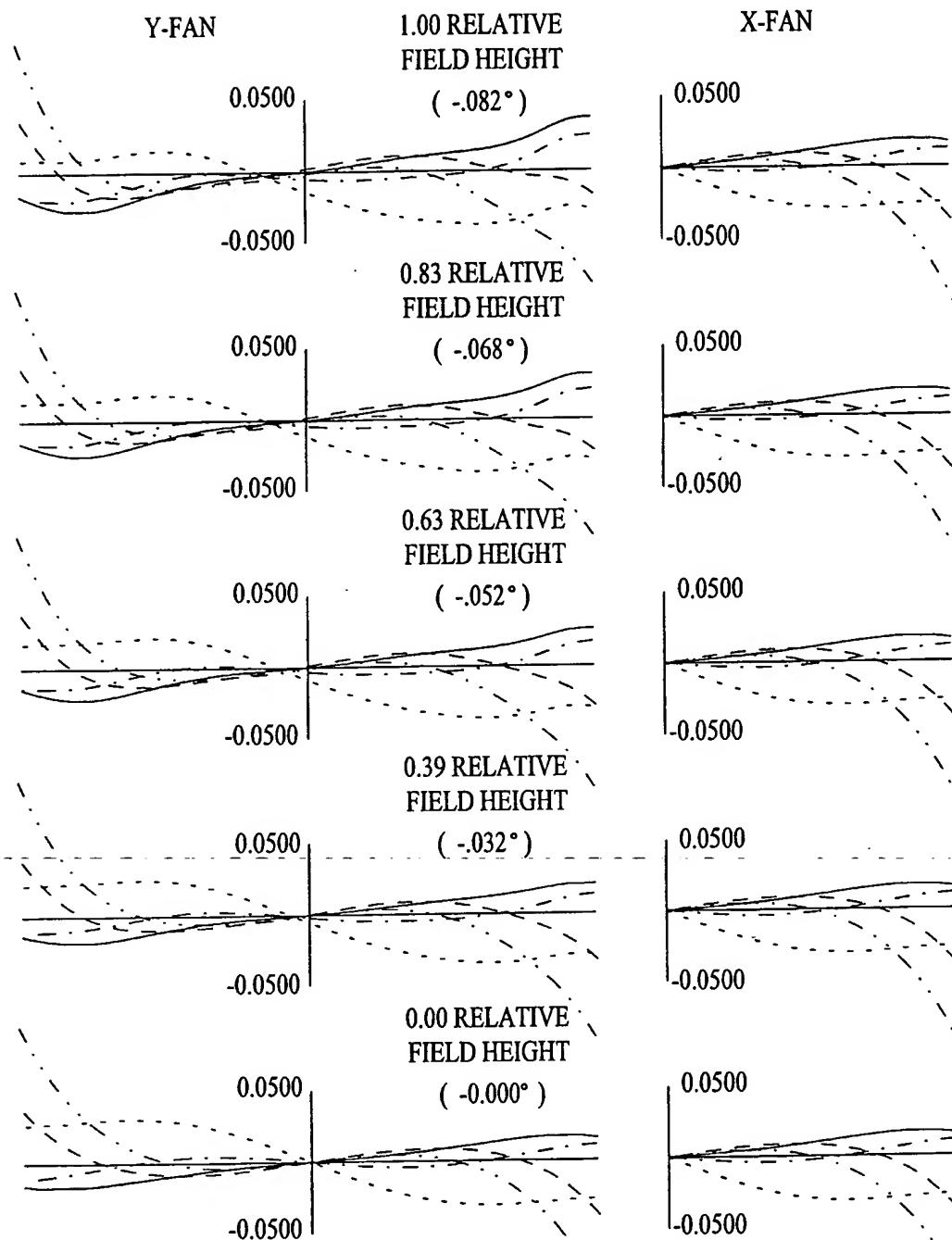


Fig. 51	643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	587.5600 NM
POSITION 13	546.0700 NM
	486.1300 NM
	460.0000 NM



<i>f</i> 52	643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	587.5600 NM
POSITION 14	546.0700 NM
	486.1300 NM
	460.0000 NM



<i>f</i> 16.53	643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	587.5600 NM
POSITION 15	546.0700 NM
	486.1300 NM
	460.0000 NM

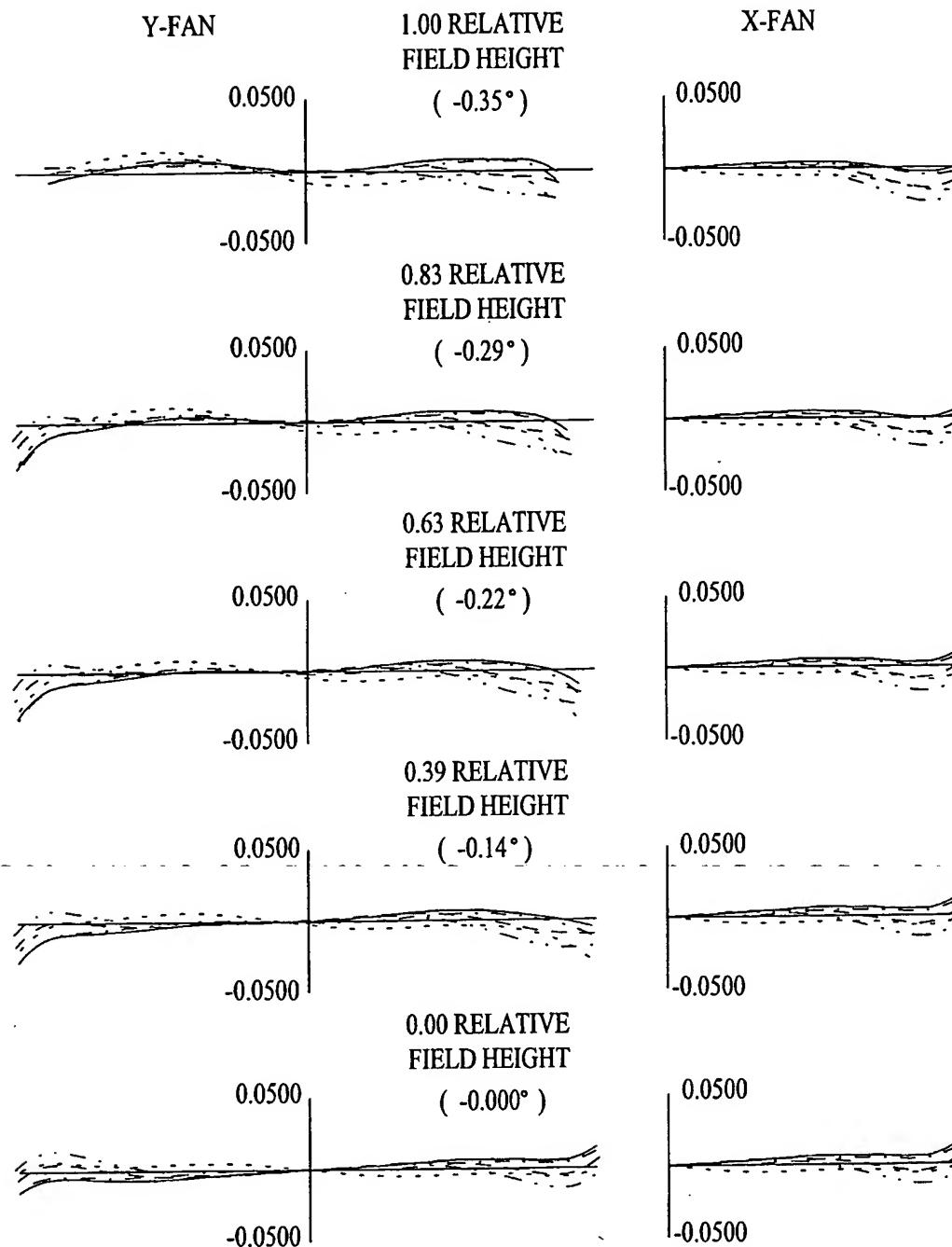


fig. 54 RAY ABERRATIONS (MILLIMETERS)	----- 643.8469 NM ----- 587.5600 NM ===== 546.0700 NM ----- 486.1300 NM ----- 460.0000 NM
POSITION 16	

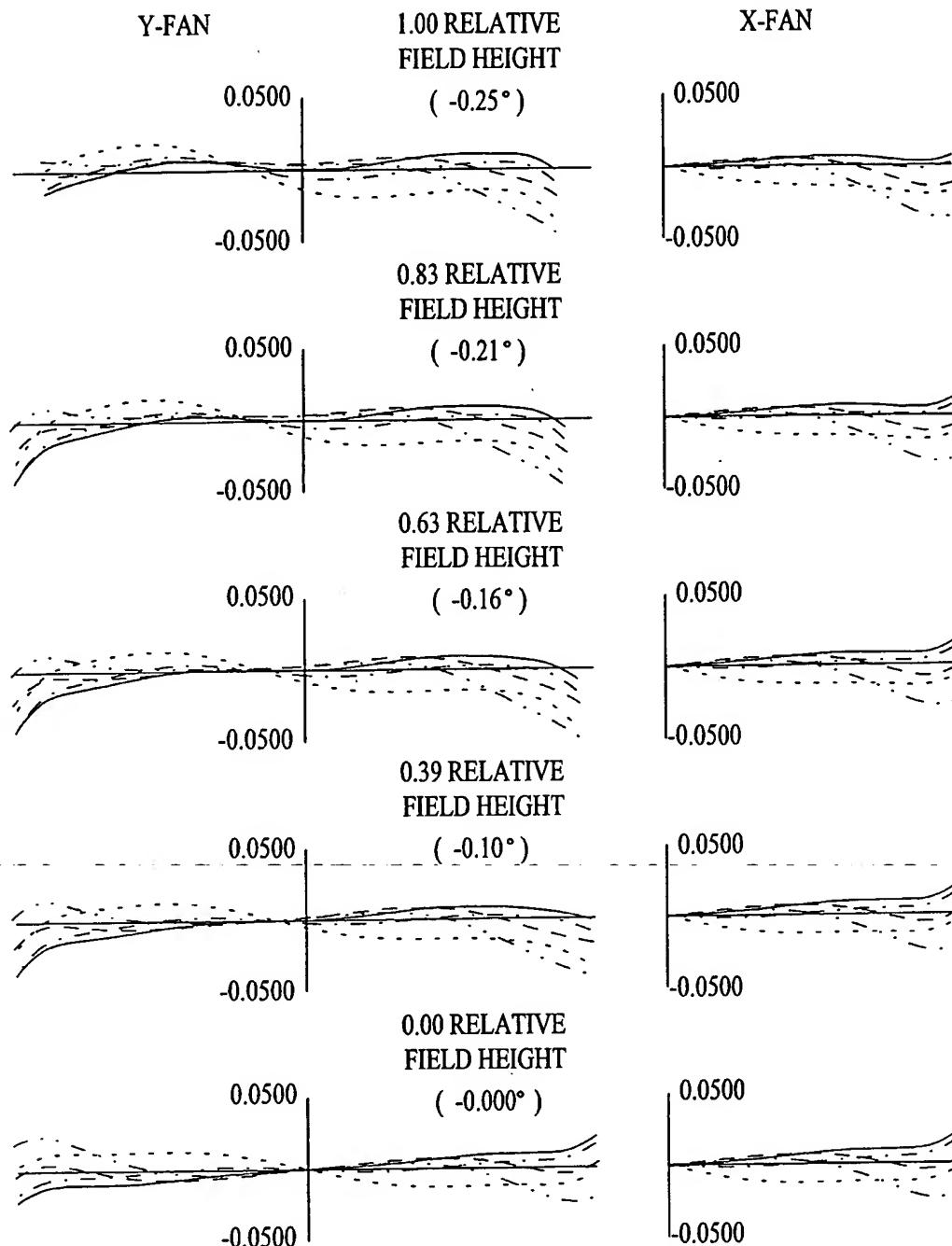
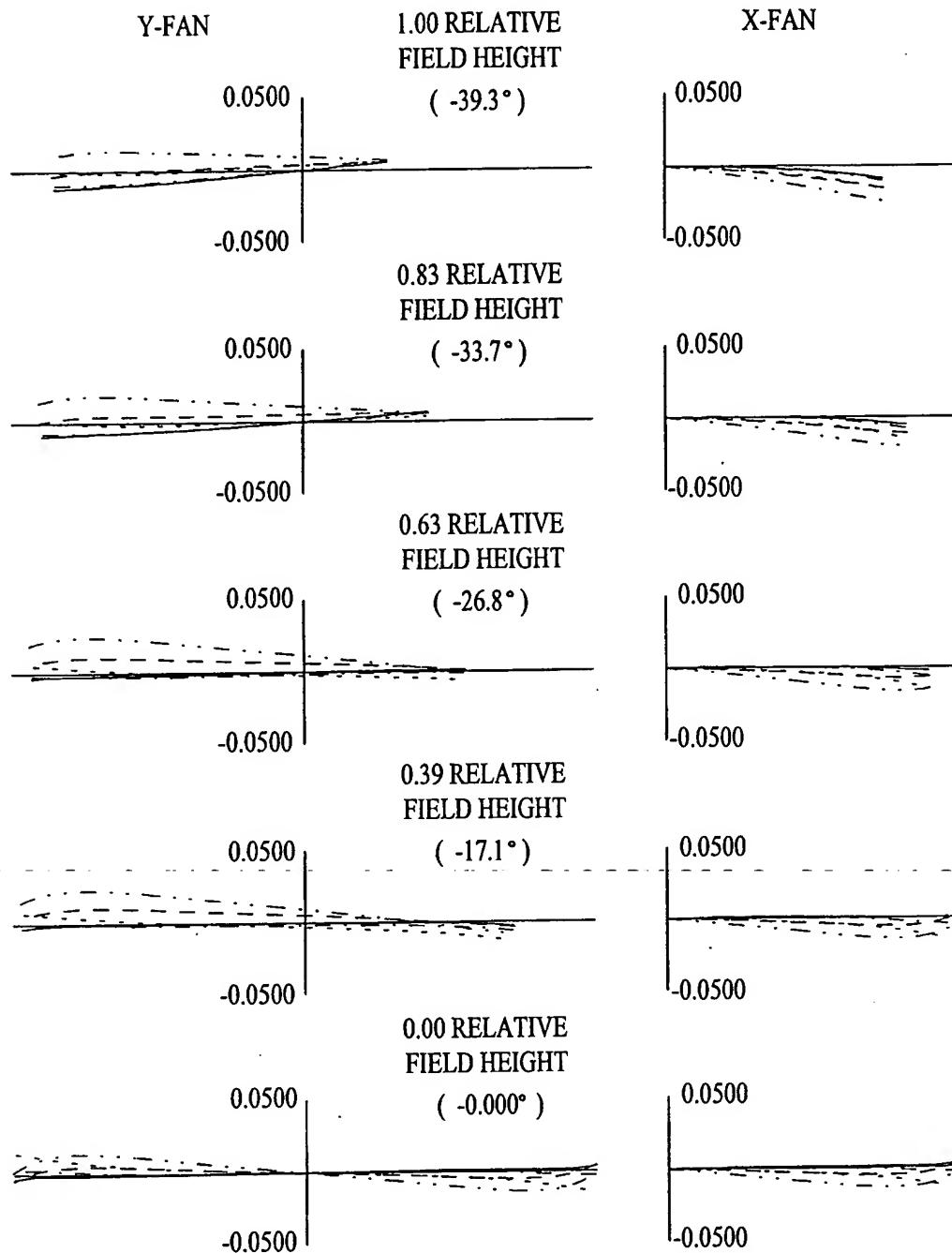
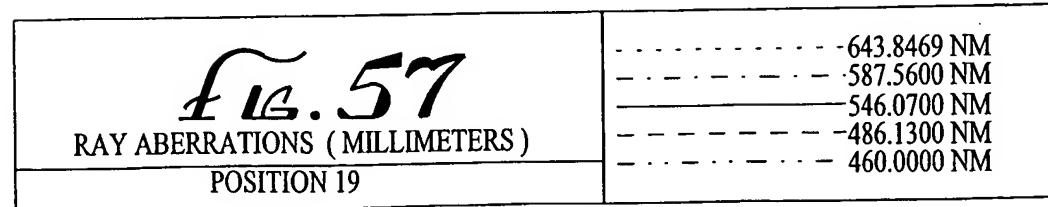
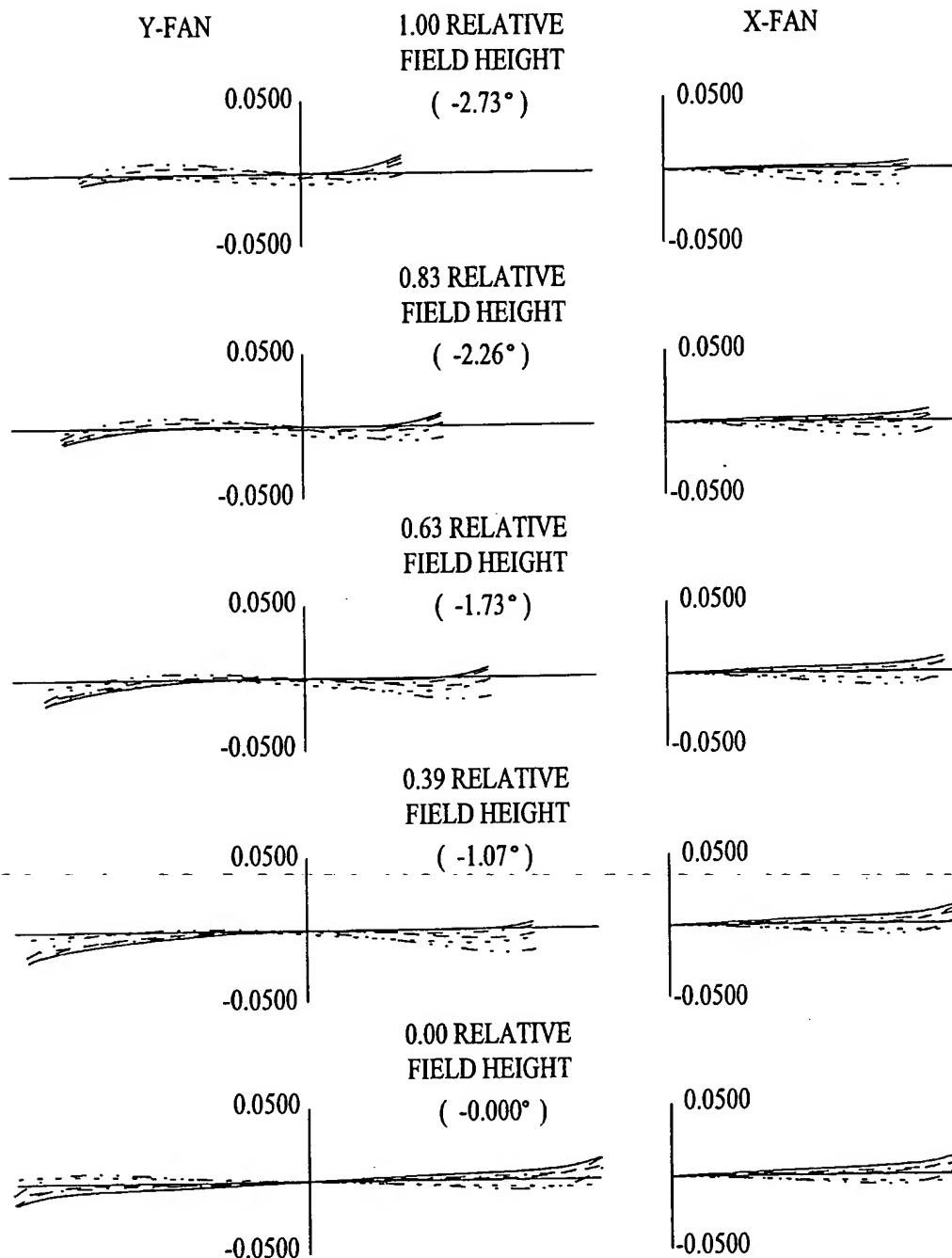
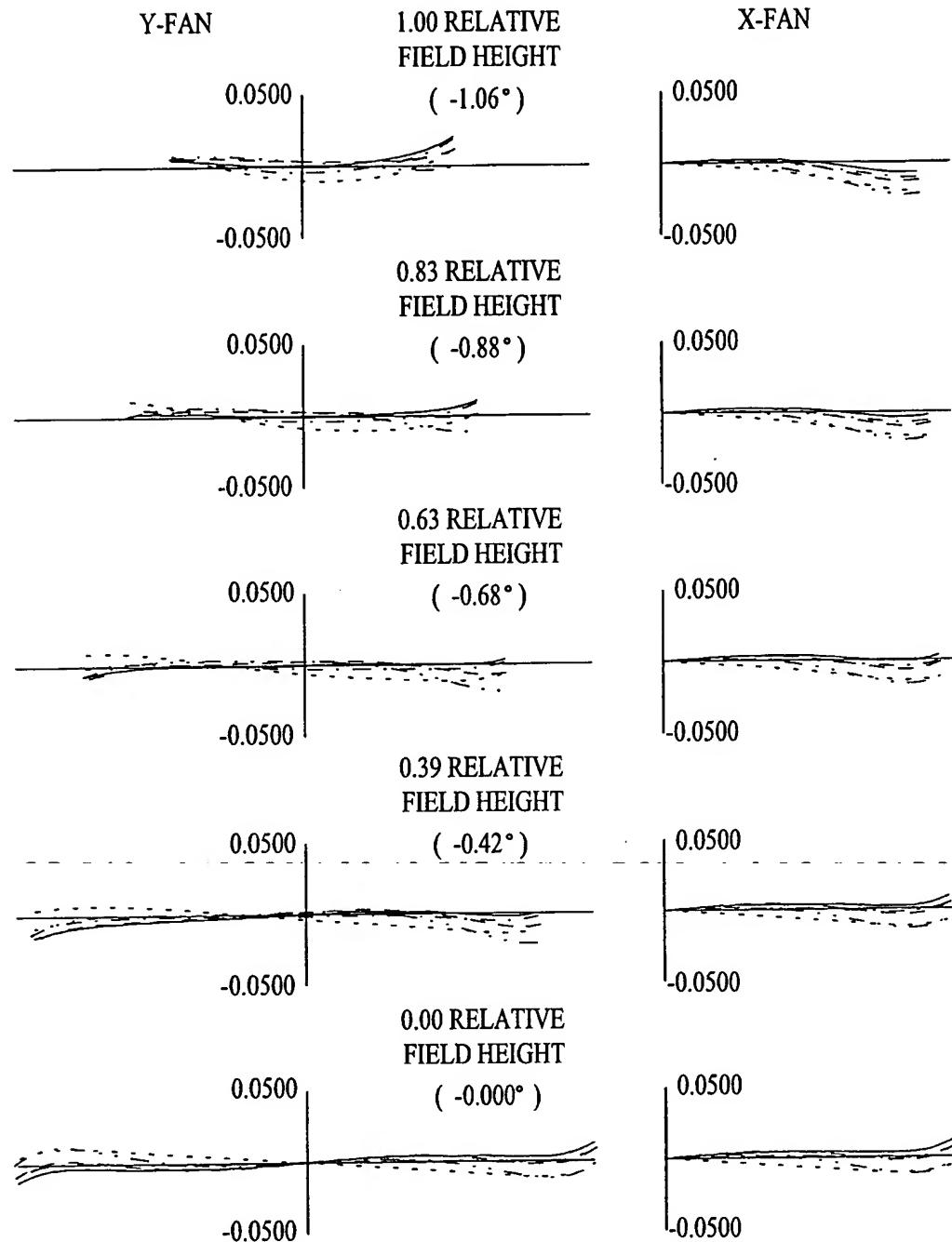


FIG. 55	643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	587.5600 NM
POSITION 17	546.0700 NM
	486.1300 NM
	460.0000 NM

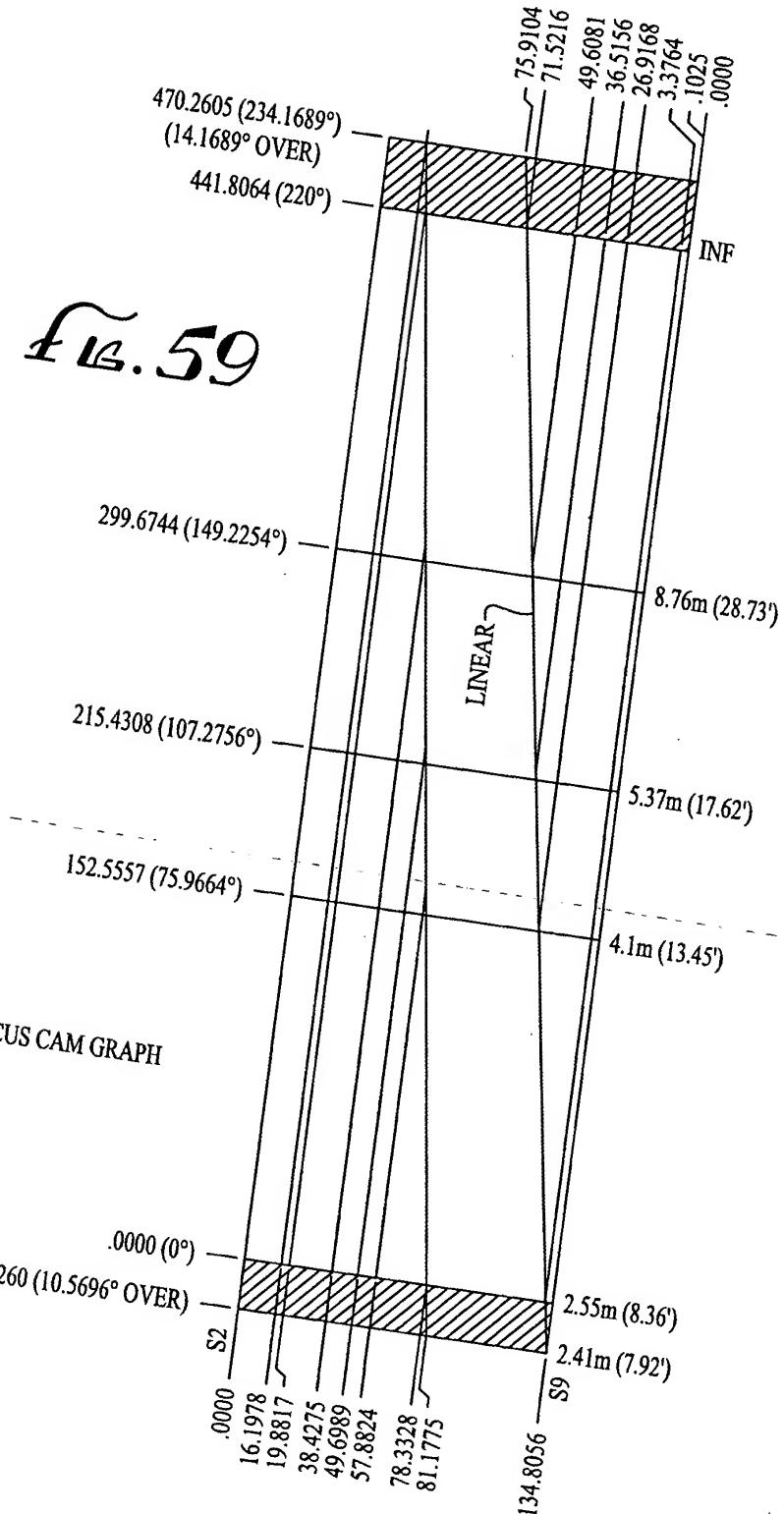


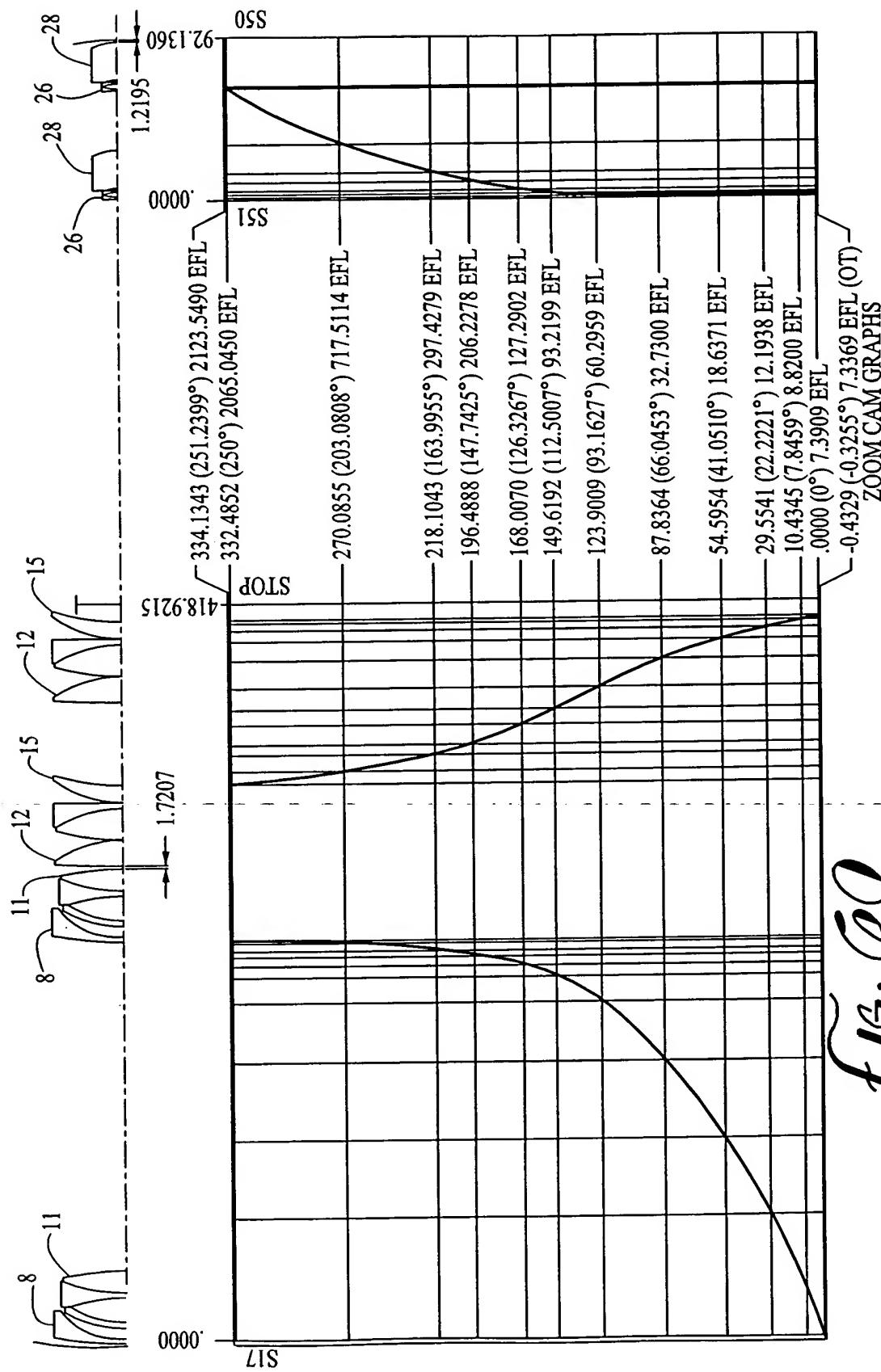
<i>fig. 56</i> RAY ABERRATIONS (MILLIMETERS) POSITION 18	643.8469 NM 587.5600 NM 546.0700 NM 486.1300 NM 460.0000 NM
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f 16.58	----- 643.8469 NM
RAY ABERRATIONS (MILLIMETERS)	----- 587.5600 NM
POSITION 20	----- 546.0700 NM
	----- 486.1300 NM
	----- 460.0000 NM





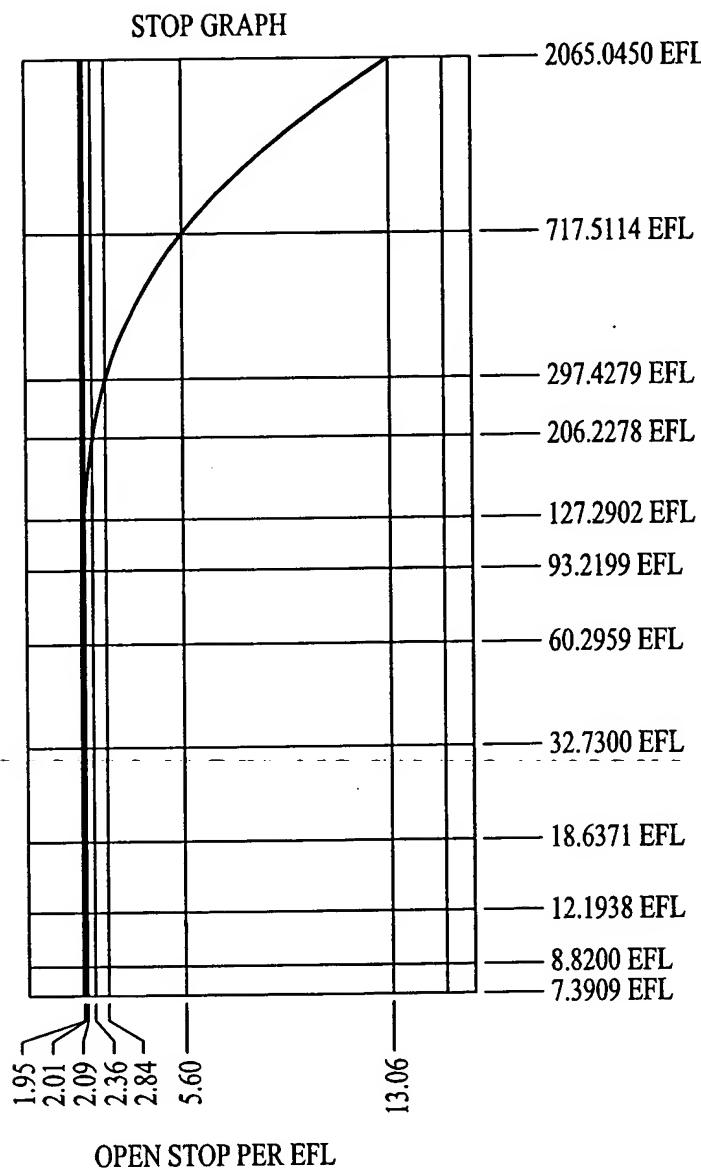


FIG. 61

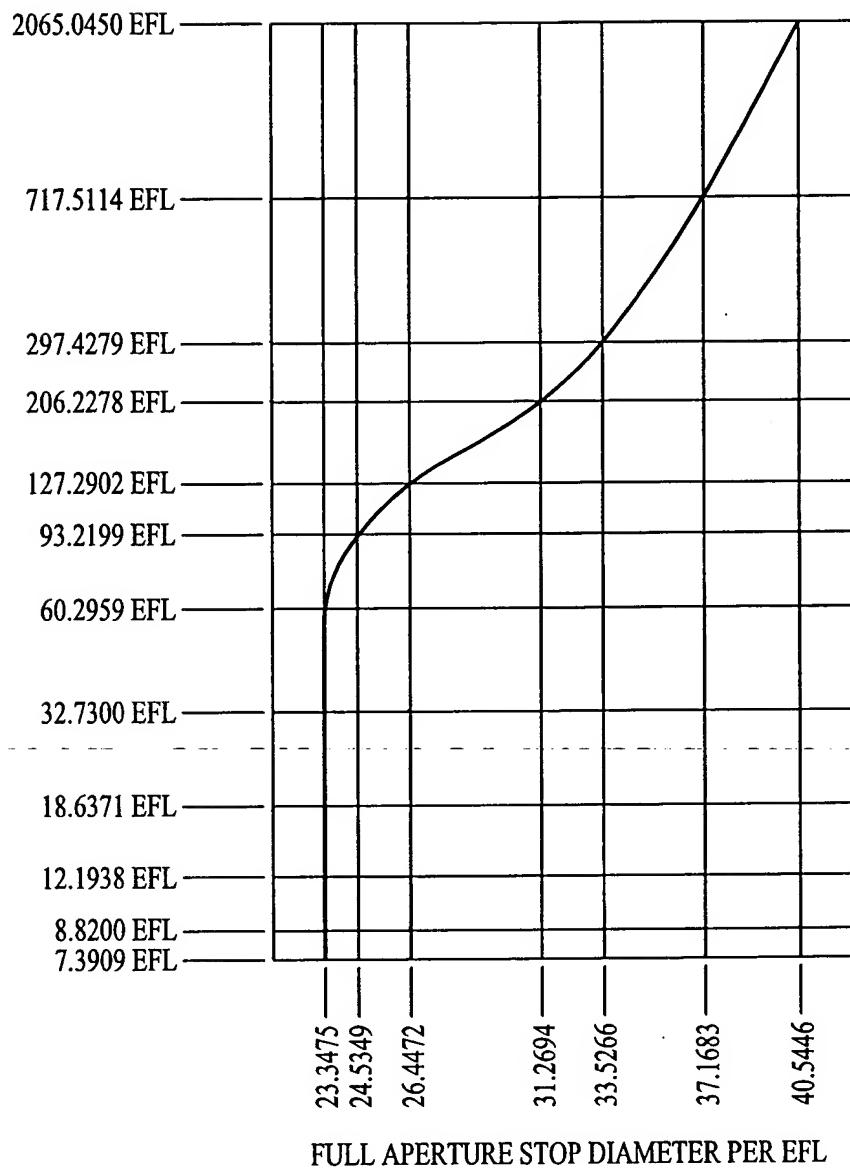
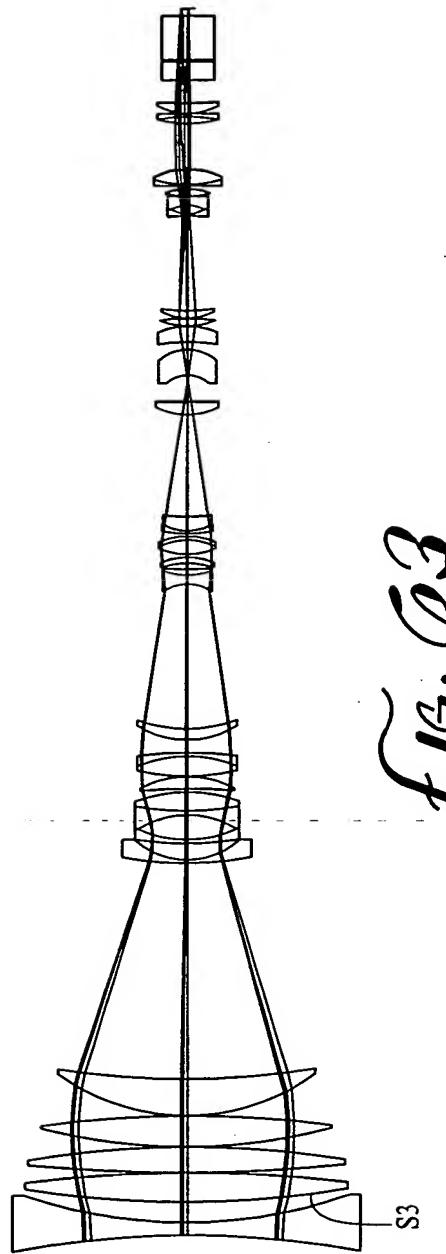


FIG. 62



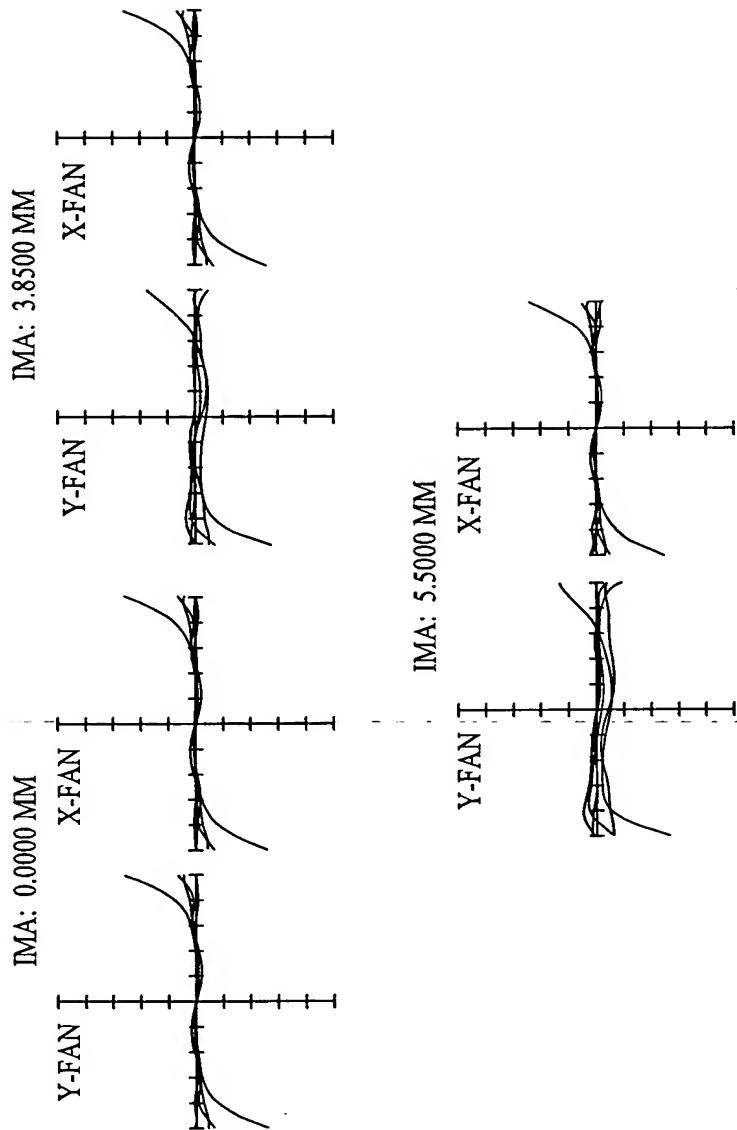
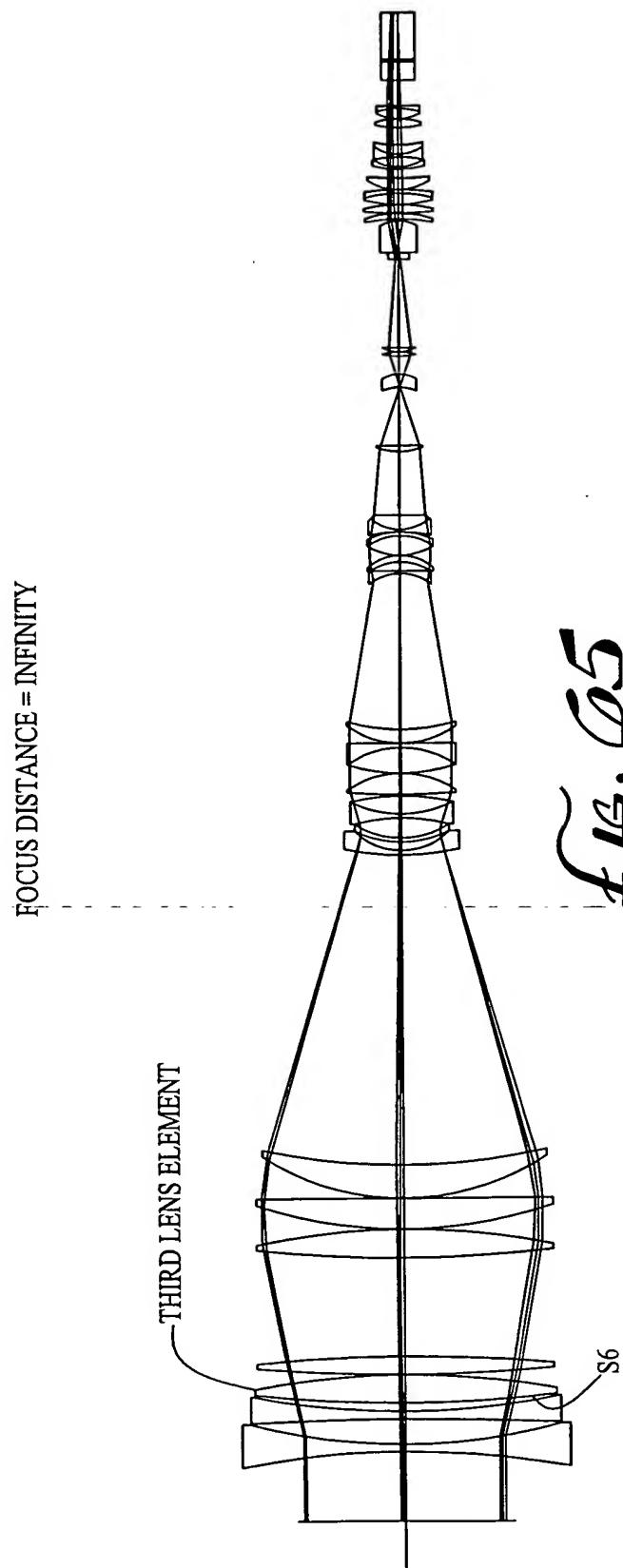
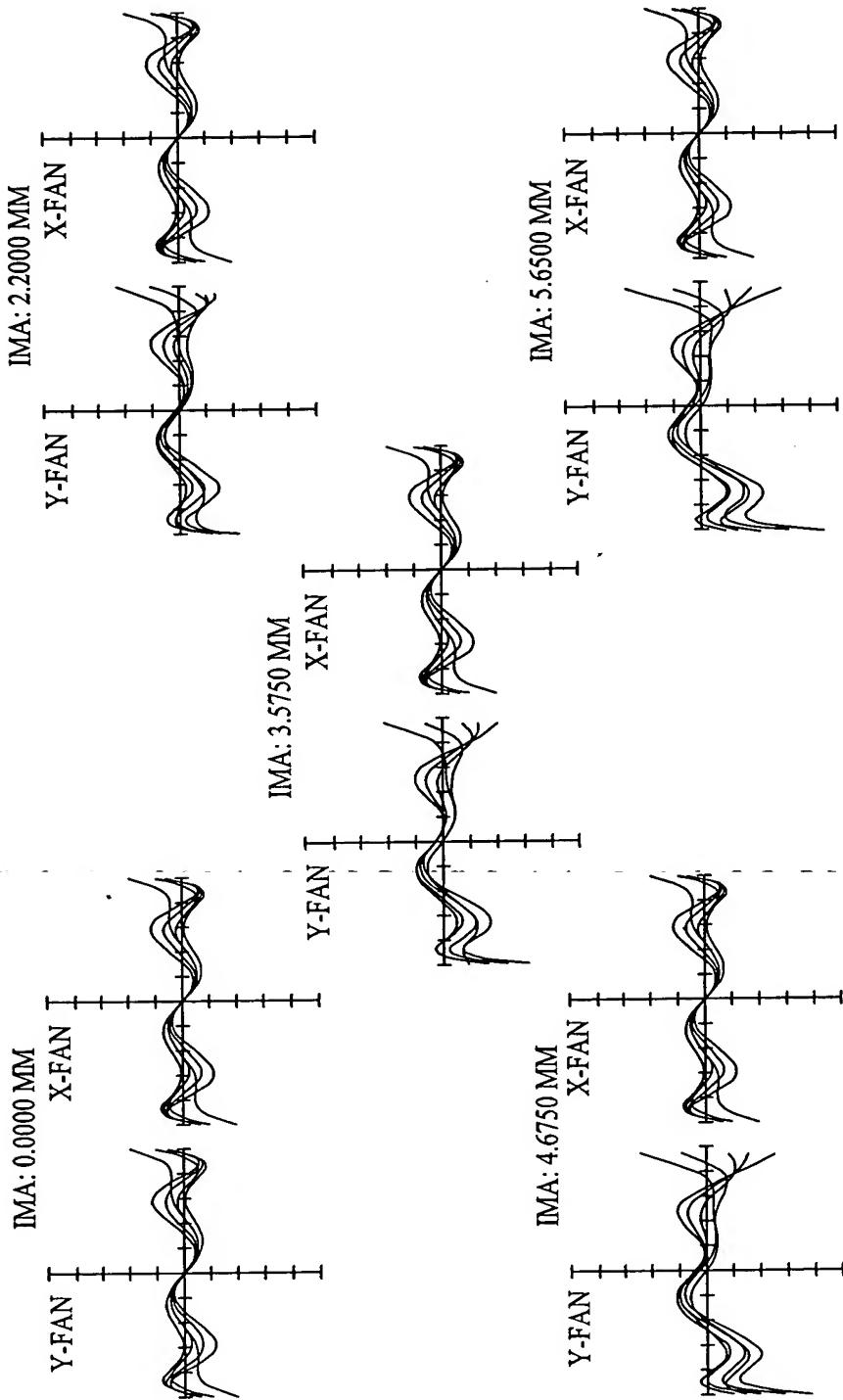


Fig. 64.

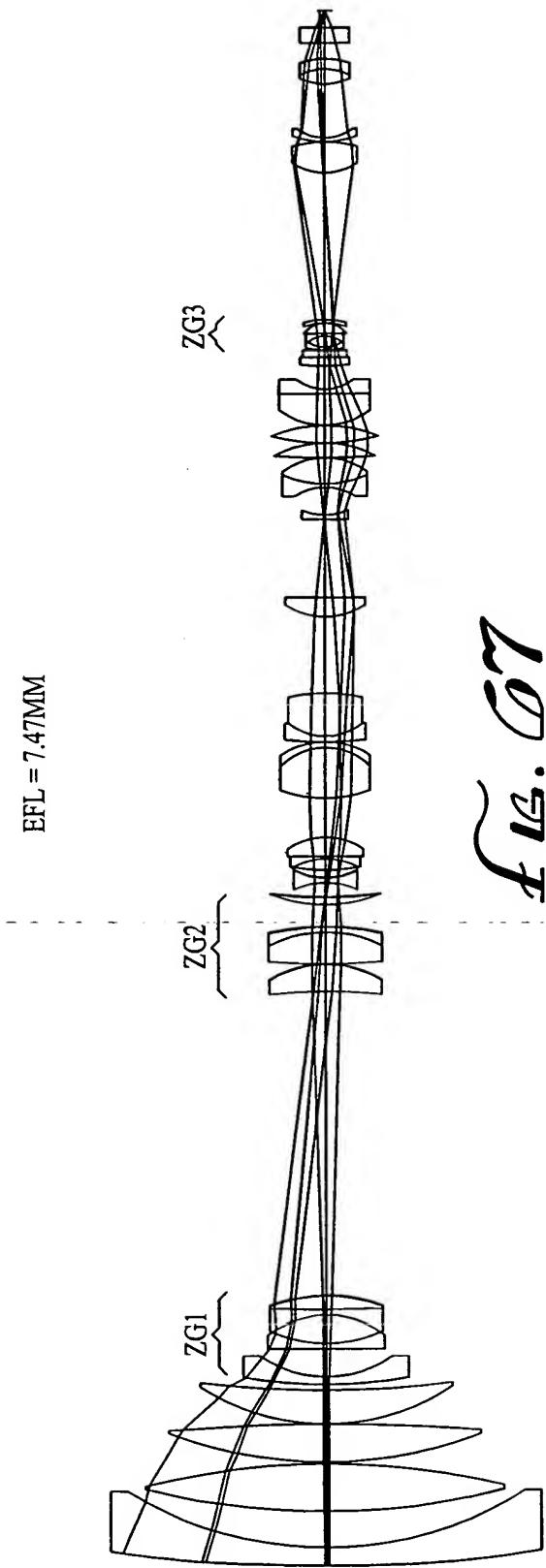
WAVE LENGTHS RANGE 455-656 NM
MAXIMUM VERTICAL SCALE +/- 100 MICRONS

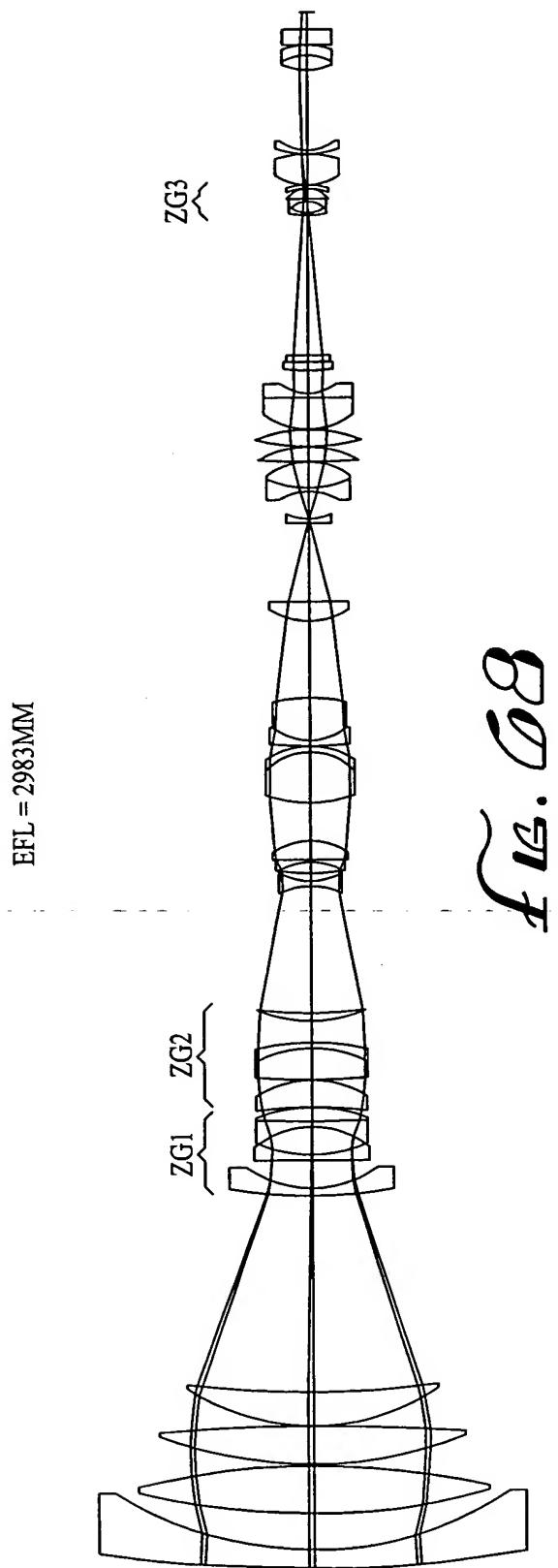


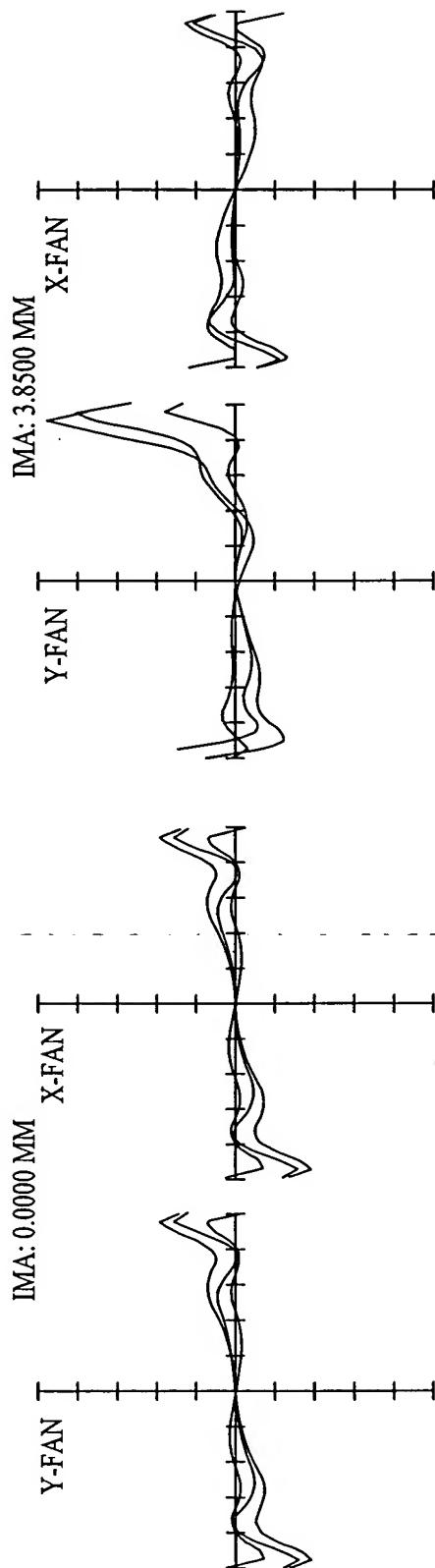


WAVELENGTHS RANGE 460-644 NM
MAXIMUM VERTICAL SCALE +/- 100 MICRONS

Fig. 66

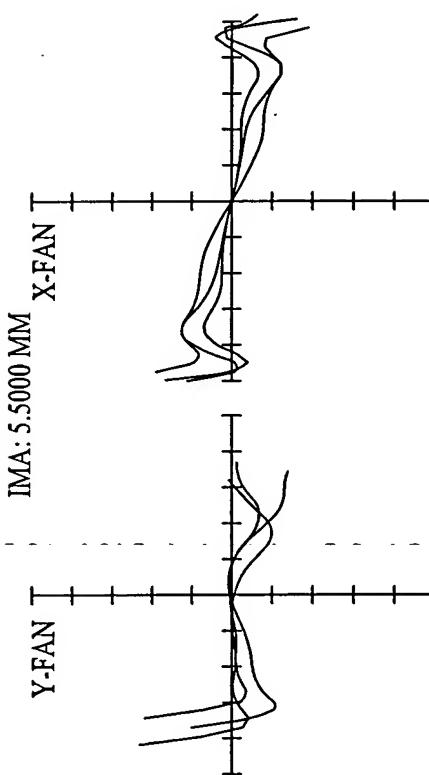




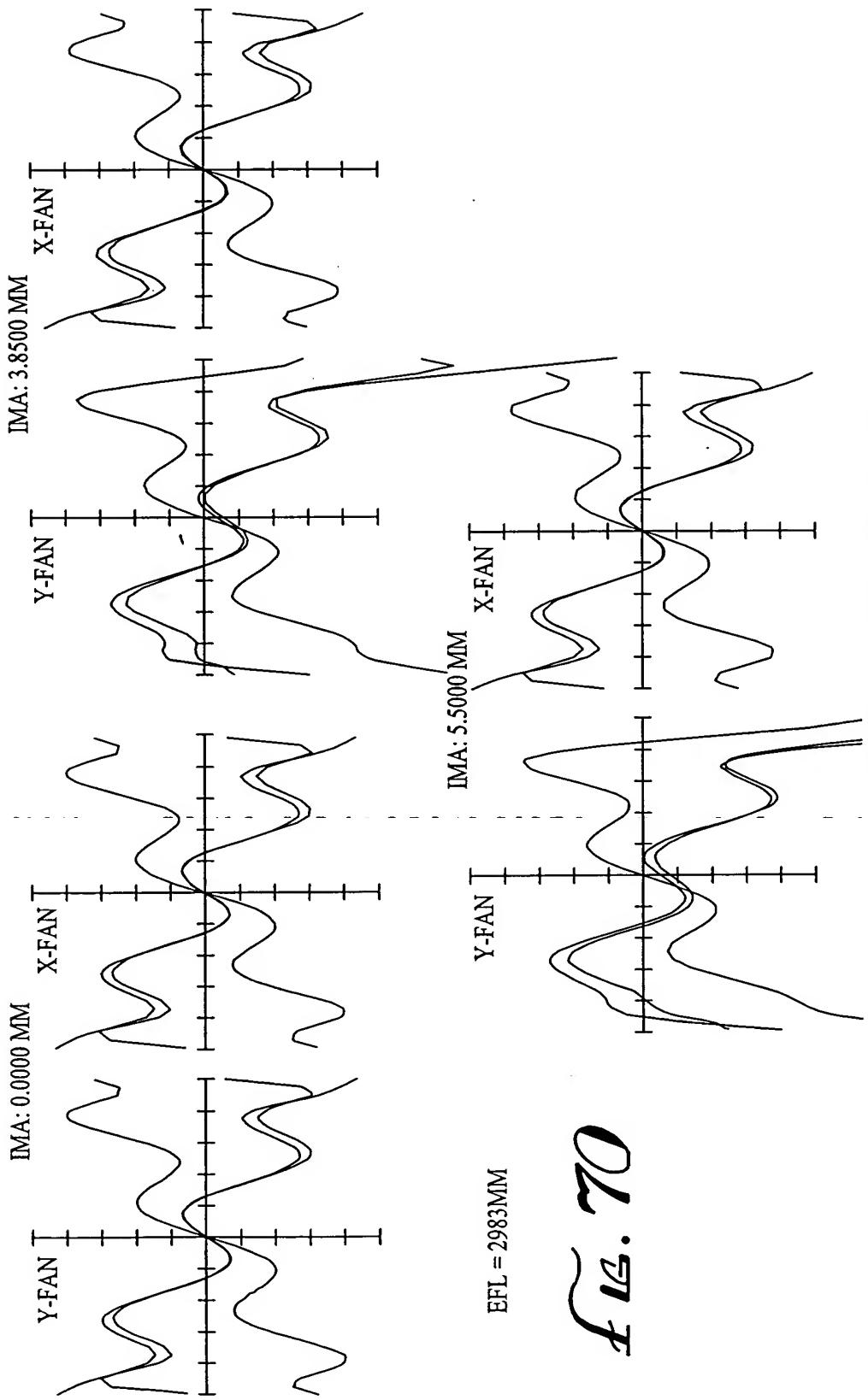


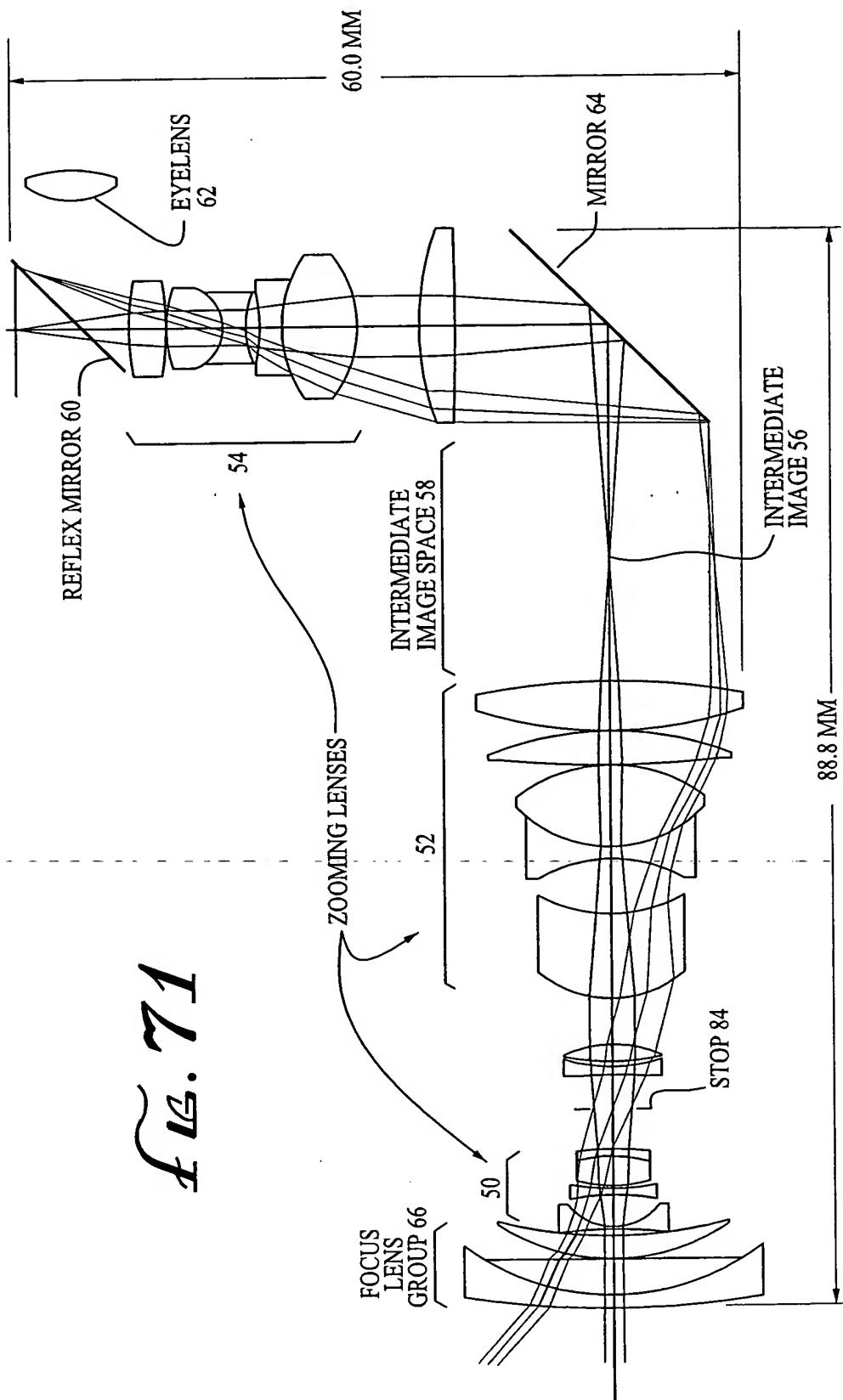
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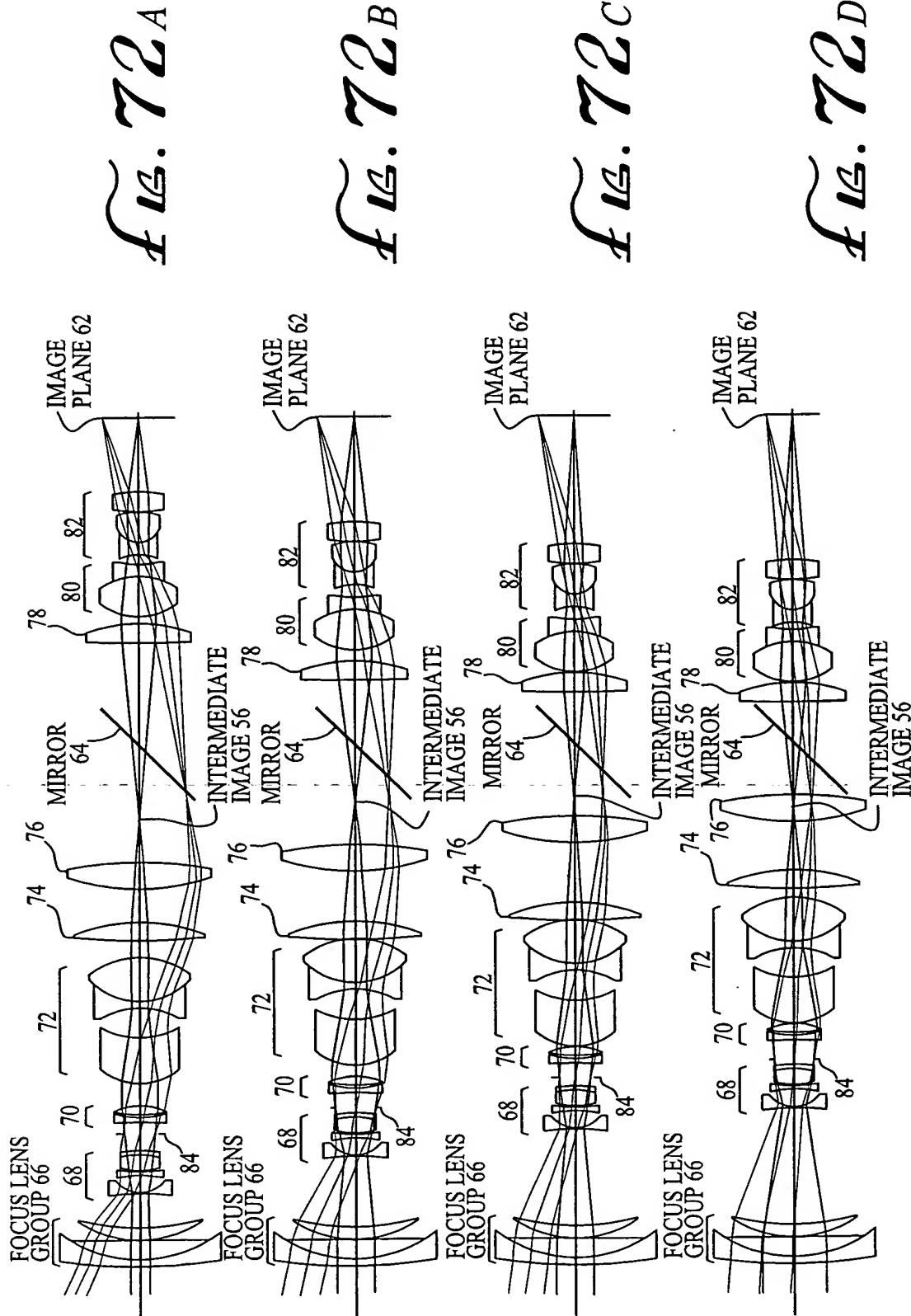
f 16.69

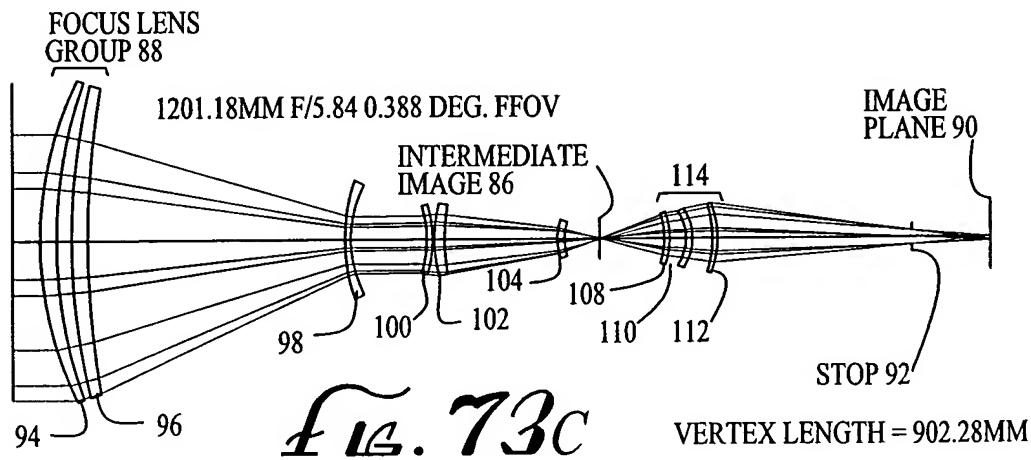
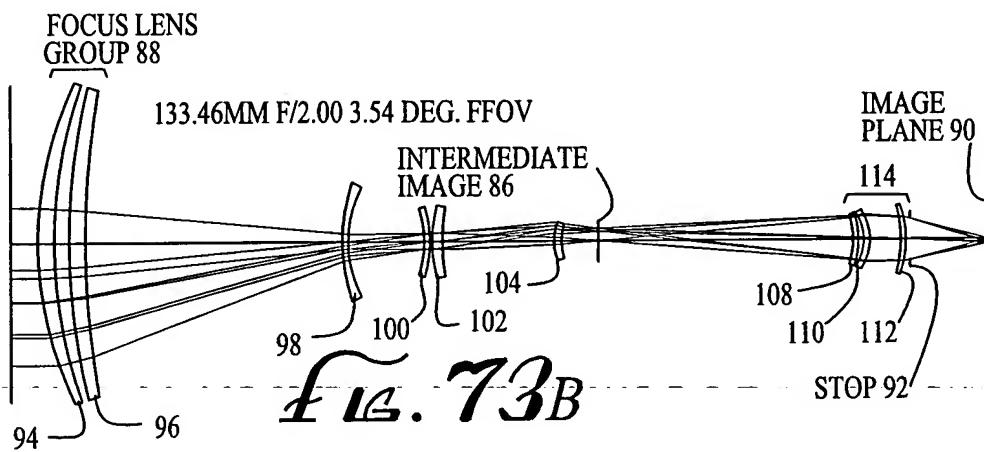
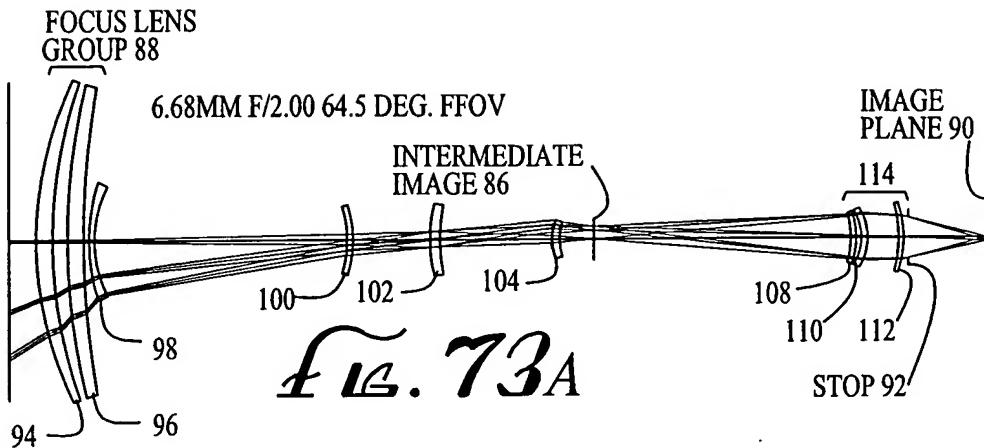


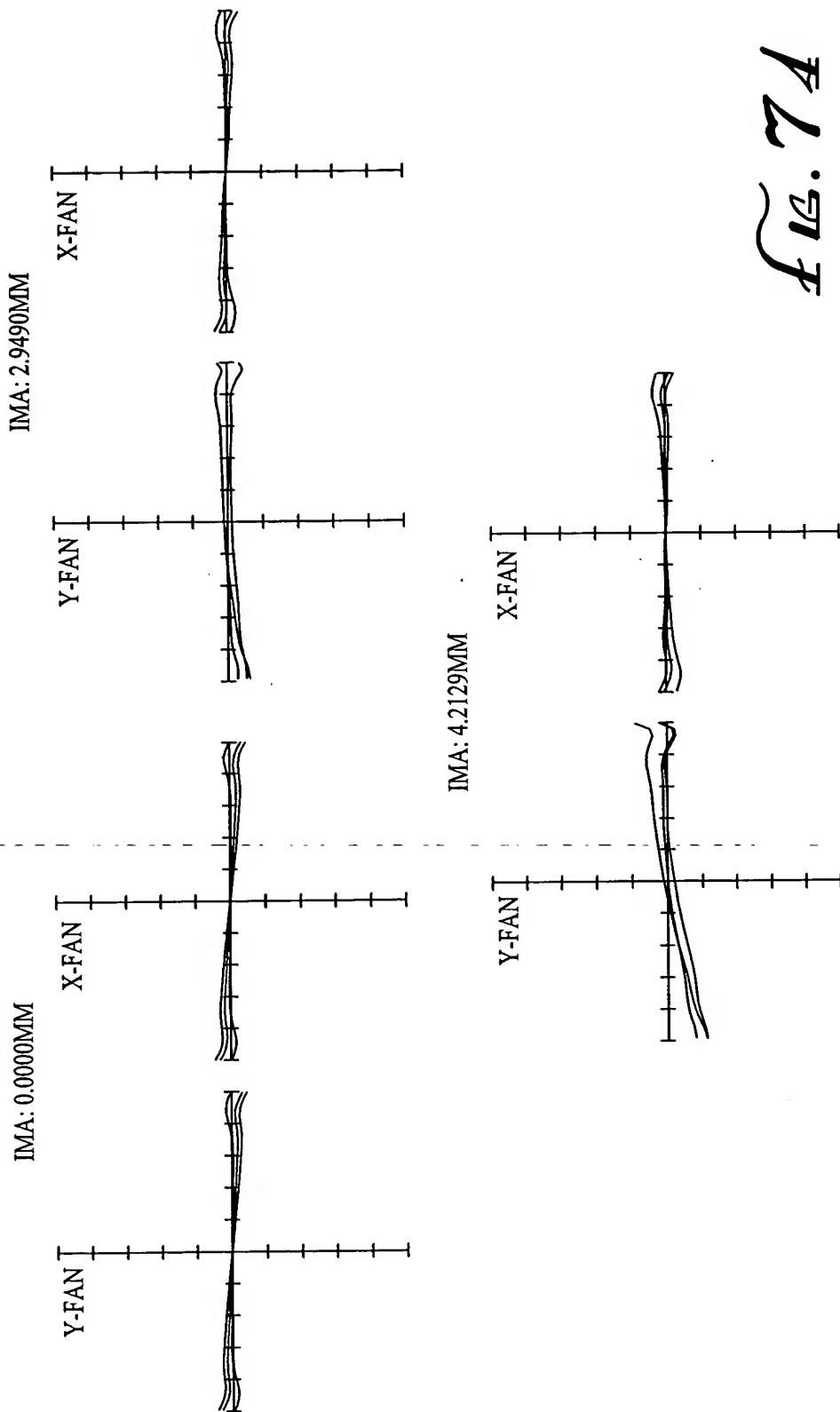
WAVE LENGTHS RANGE 480-644 NM
MAXIMUM VERTICAL SCALE +/- 100 MICRONS

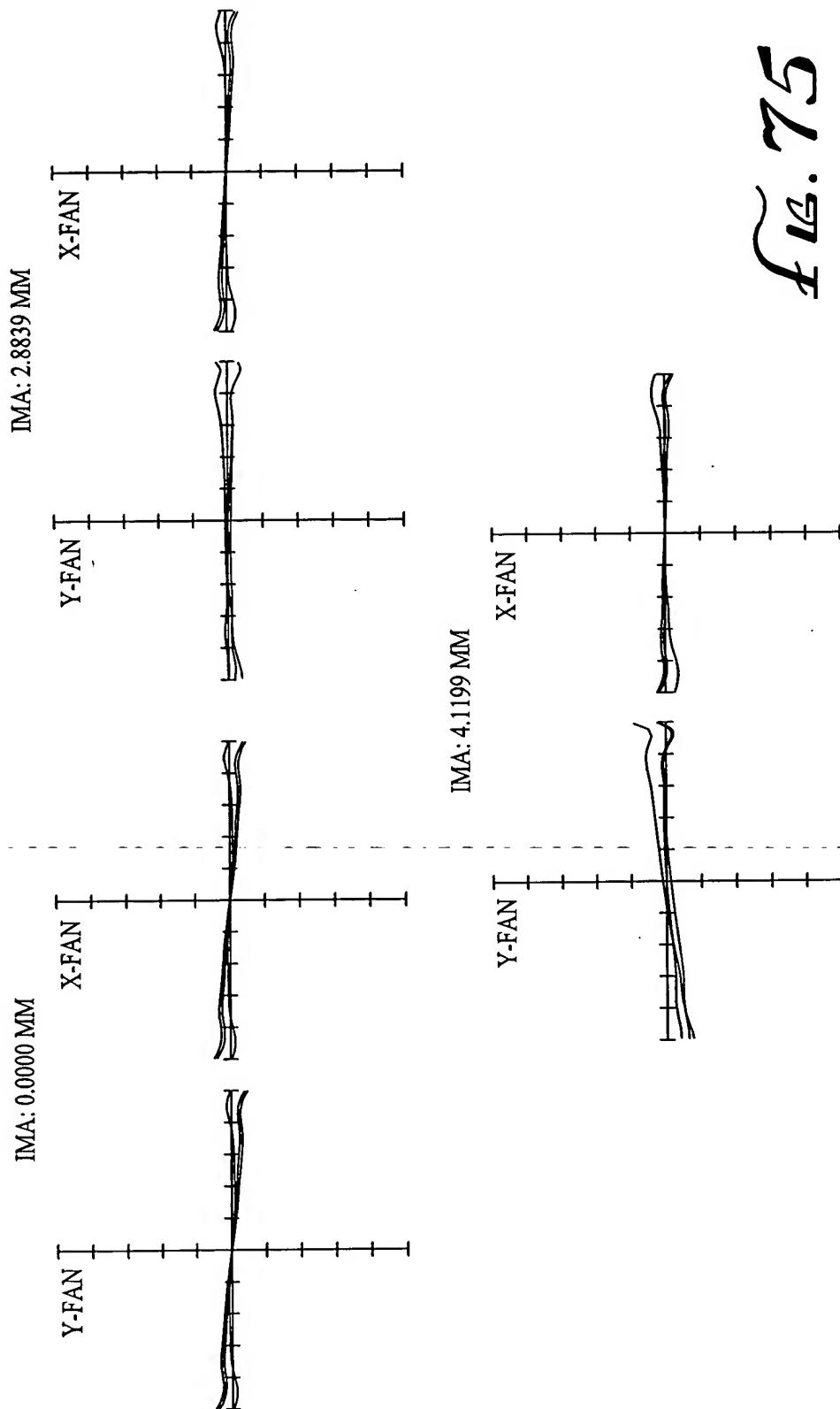












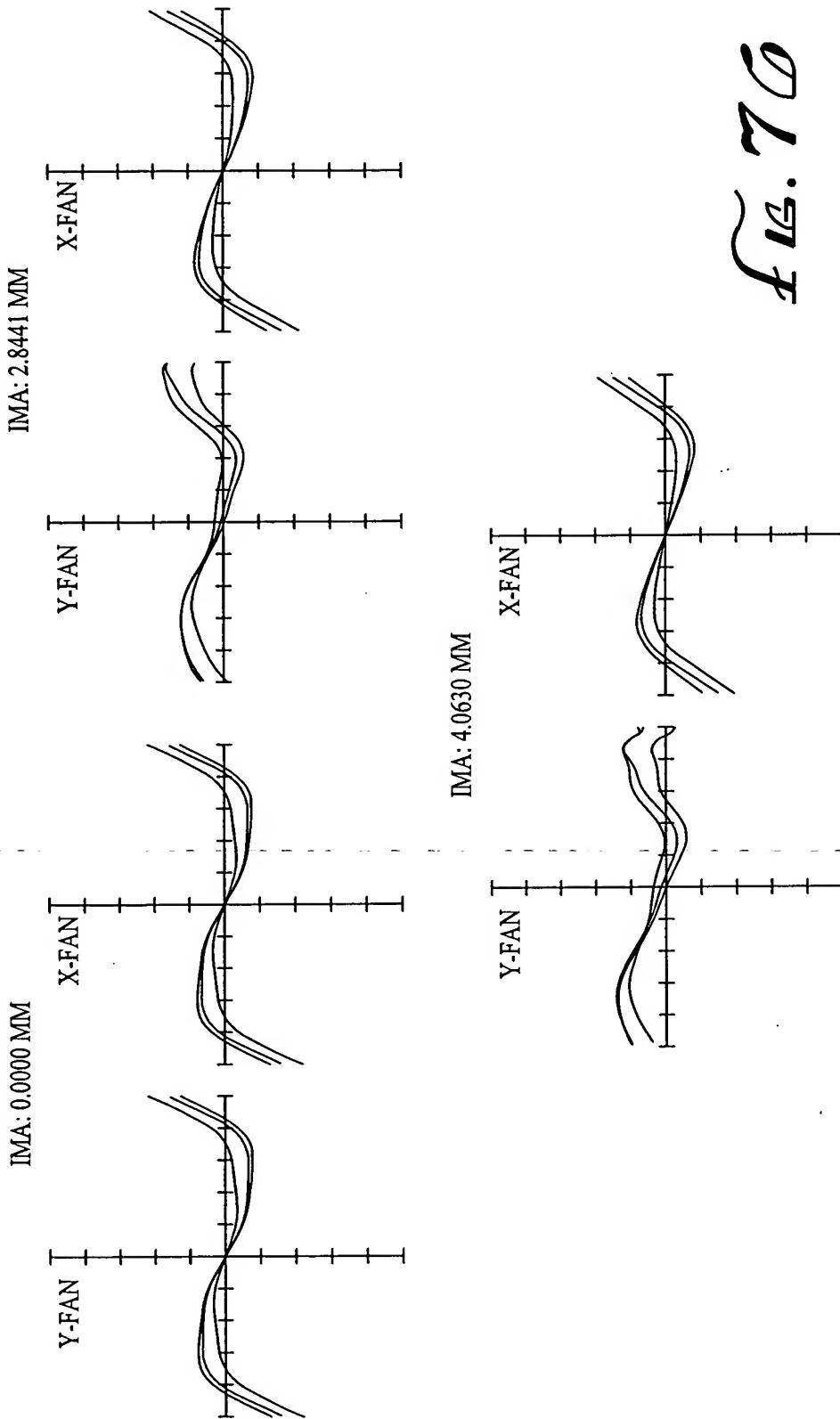


FIG. 76
WAVELENGTH RANGE 8-12 MICRONS
MAXIMUM VERTICAL SCALE +/- 200 MICRONS